

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FISH AND GAME
BUREAU OF MARINE FISHERIES

FISH BULLETIN No. 59

The Commercial Fish Catch of
California for the Years
1941 and 1942

BY THE STAFF OF THE
BUREAU OF MARINE FISHERIES



1944

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FOREWORD

This is the eighth fish bulletin of a series begun in 1929 for the purpose of presenting detailed records of the State's commercial fish catch as well as other statistical information compiled by the Bureau of Marine Fisheries.

The cooperation of the Bureau of Patrol and Law Enforcement in the collection of the original material is gratefully acknowledged.

December, 1943

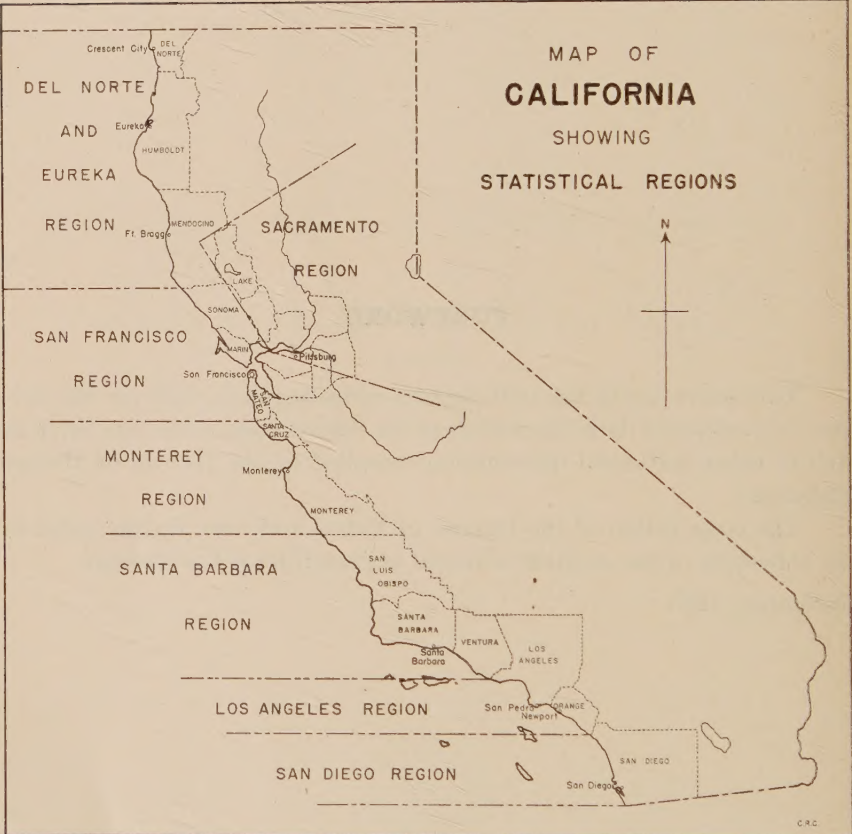


FIGURE 1

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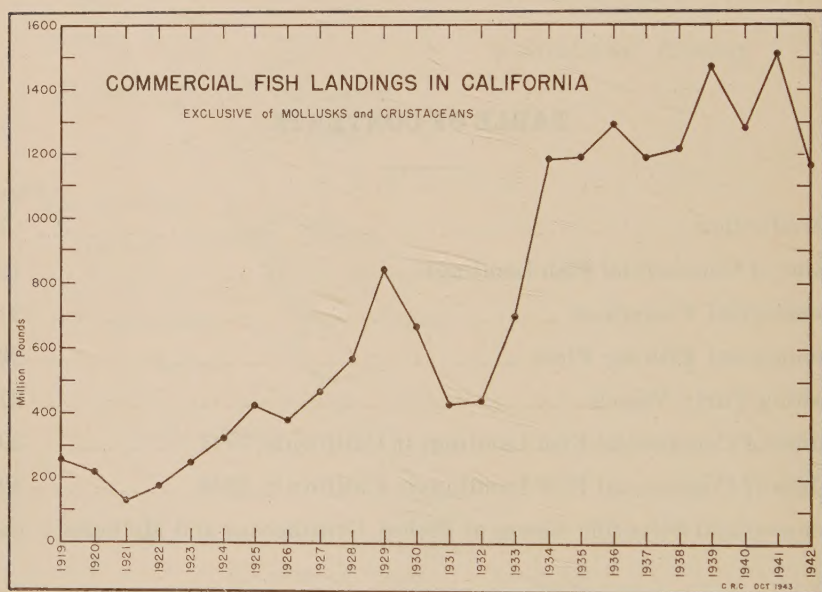


FIGURE 2

INTRODUCTION

The primary object of this bulletin is to record the fish delivered by commercial fishing boats to California ports. In addition shipments of fresh fish by truck, rail or cargo vessel to California canneries from outside the State are included. Shipments of frozen, processed or canned fish to our markets and wholesalers are not included.

1941 shipments included in the state-wide tables are as follows:

No canneries from north of the State line-----	528,959 lbs.
No canneries from south of the international boundary ----	80,903
No canneries from Japan -----	565,936
No fresh fish markets from south of the international boundary, spiny lobsters only-----	947,771

1942 shipments included in the state-wide tables are as follows:

No canneries from north of the State line -----	470,506 lbs.
No canneries from south of the international boundary ----	319,219
No fresh fish markets from south of the international boundary, 687,659 lbs. spiny lobster; 59,666 lbs. mis- cellaneous fish -----	747,325

The boundaries of the regions of landings shown in the tables are as follows:

Eureka region: Del Norte, Humboldt and Mendocino counties.

Sacramento region: Sacramento and San Joaquin river systems with the delta areas, including Suisun Bay and Lake County.

San Francisco region: Sonoma, Marin, San Francisco and San Mateo counties, including San Francisco and San Pablo bays; Alameda and Contra Costa counties to Carquinez Straits.

Monterey region: Santa Cruz and Monterey counties.

Santa Barbara region: San Luis Obispo, Santa Barbara and Ventura counties.

Los Angeles region: Los Angeles and Orange counties.

San Diego region: San Diego and Imperial counties.

The following conversion factors are used when shellfish are reported in numbers rather than in pounds:

Crabs, 2 pounds each; abalones, 50 pounds per dozen; gaper clams, 2 pounds each; Pismo clams, 24 pounds per limit of 15; Washington clams, 7 pounds per dozen; eastern oysters, 30 pounds per hundred; Japanese oysters, 50 pounds per hundred or 8 pounds per gallon cleaned.

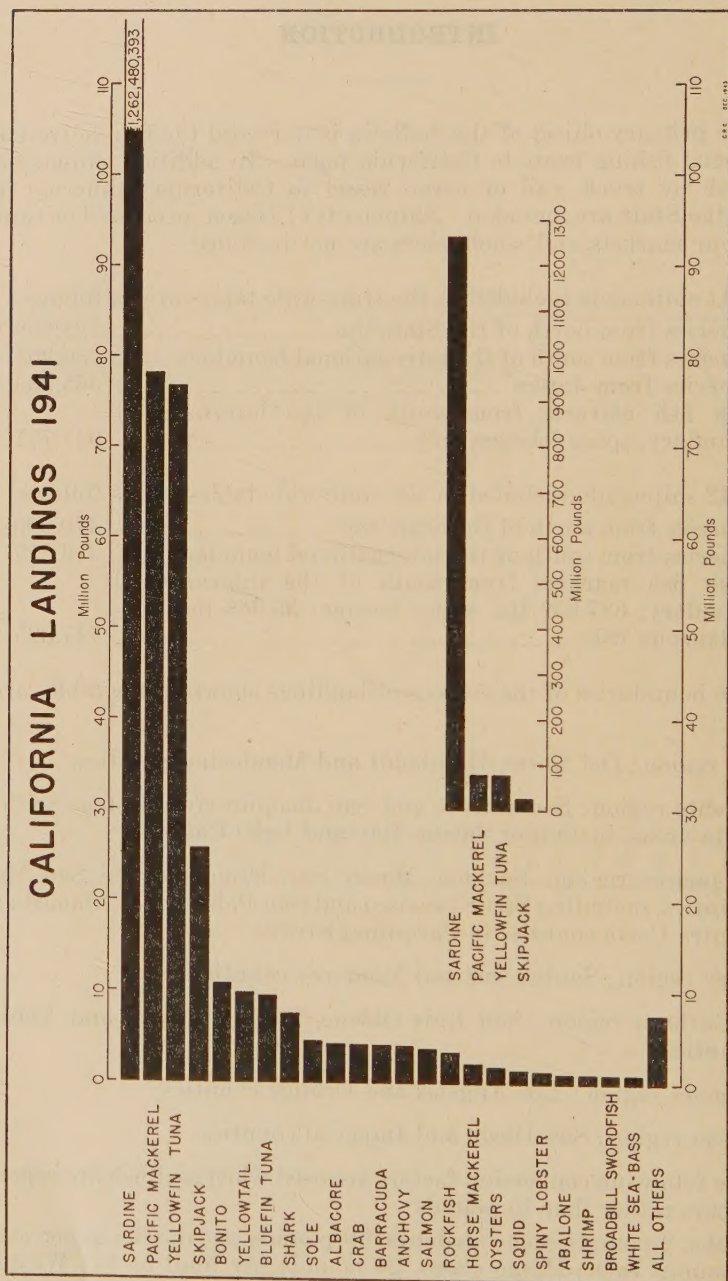


FIGURE 3

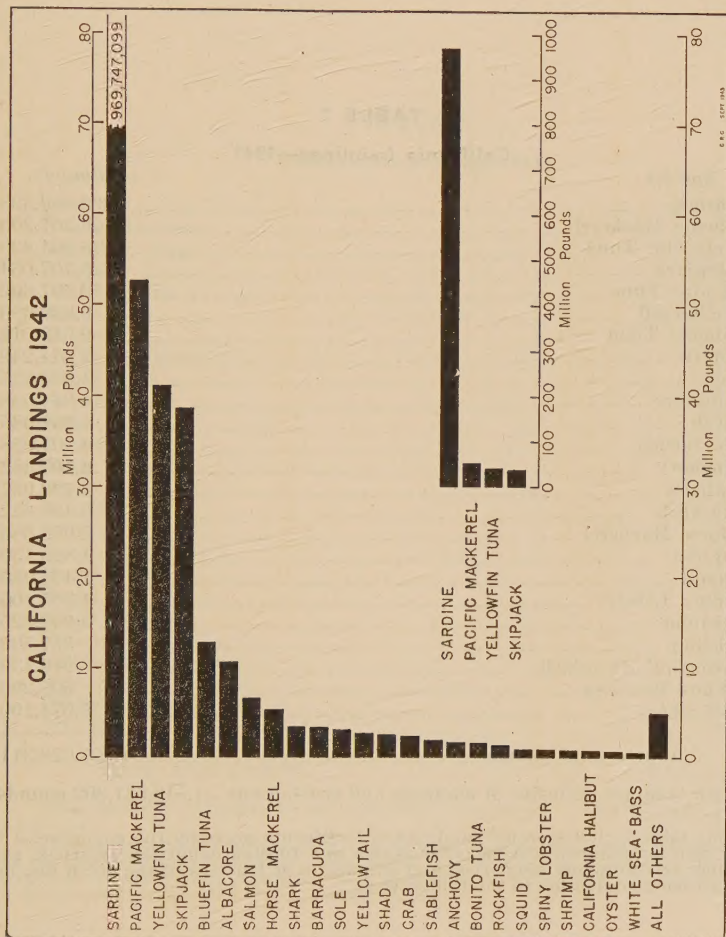


FIGURE 4

TABLE 1

California Landings—1941

<i>Species</i>	<i>Pounds</i>
Sardine -----	1,262,480,393
Pacific Mackerel -----	78,167,200
Yellowfin Tuna -----	76,701,820
Skipjack -----	25,707,064
Bonito Tuna -----	10,907,602
Yellowtail -----	9,830,690
Bluefin Tuna -----	9,519,012
Shark -----	7,614,249
Sole -----	4,625,855
Albacore -----	4,314,508
Crab -----	4,262,985
Barracuda -----	4,201,928
Anchovy -----	4,105,382
Salmon -----	3,790,957
Rockfish -----	3,405,622
Horse Mackerel -----	2,068,685
Oyster -----	1,829,159
Squid -----	1,431,036
Spiny Lobster -----	1,305,105
Abalone -----	1,002,325
Shrimp -----	957,509
Broadbill Swordfish -----	916,739
White Sea-bass -----	908,296
All others -----	7,574,190

Yearly total pounds-----1,527,628,311

Fish landings exclusive of mollusks and crustaceans--1,516,531,802 pounds

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries, and shipments of lobsters to the fresh fish dealers. For detail see introduction to the tables, page 7.

TABLE 2
California Landings—1942

<i>Species</i>	<i>Pounds</i>
Sardine -----	969,747,099
Pacific Mackerel -----	52,553,663
Yellowfin Tuna -----	41,466,614
Skipjack -----	38,735,228
Bluefin Tuna -----	12,844,564
Albacore -----	11,091,699
Salmon -----	6,616,216
Horse Mackerel -----	5,348,501
Shark -----	3,468,290
Barracuda -----	3,454,537
Sole -----	3,155,757
Yellowtail -----	2,726,269
Shad -----	2,571,633
Crab -----	2,414,166
Sablefish -----	1,972,270
Anchovy -----	1,694,290
Bonito Tuna -----	1,650,689
Rockfish -----	1,423,290
Squid -----	943,783
Spiny Lobster -----	856,300
Shrimp -----	800,958
California Halibut -----	756,065
Oyster -----	707,341
White Sea-bass -----	553,726
All others -----	4,969,278

Yearly total pounds-----1,172,522,226

Fish landings exclusive of mollusks and crustaceans--1,166,359,219 pounds

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries, and shipments of lobsters to the fresh fish dealers. For detail see introduction to the tables, page 7.

VALUE OF THE COMMERCIAL FISH LANDINGS

For the purposes of this report, the price received by the fishermen for the fish in the round has been taken as the basic value. As fish are cleaned, shipped or processed for market the increases in value may be considered as handling or processing costs added to the basic first sale value. In cases of missing sale price in our records or in the few instances where fishermen market their own catch and therefore can not record sale in the round, the average price obtained for the species in the locality and for the season of the year involved, has been used.

The value of catch in relation to poundage for any one region of the State is greatly increased where heavy landings of high priced tuna or shark occur and decreased where the landings of low priced sardines predominate. Tuna landings in southern California are largely responsible for the fact that in 1941, 57 per cent or nearly three-fifths of the total fish value was paid to fishermen delivering to ports south of Point Concepcion, although of the total tonnage this southern California coast received roughly only two-fifths.

Prices during 1941 were representative of normal conditions. The values for this year based on these prices are shown in detail in Table 22. The values and the average prices from which they are calculated form the fairest basis upon which ceiling prices should be founded.

The 1942 fish values (Table 32) reflect the higher war prices and price ceilings fixed by the Federal Government. For this reason we have not repeated, for 1942, all of the detailed regional value tables shown for 1941. The first sale value of the catch in 1942 showed an increase of three and one-half million dollars as compared with the preceding year whereas the volume in pounds landed showed a decrease of one-third of a billion. The obvious explanation for less fish being worth more money is found in the 1942 increase in prices and the high ceilings placed upon cannery fish needed by the armed forces. The decrease in volume of the 1942 catch was due to reduced numbers of the better class of fishing boats and of experienced fishermen as well as to the restrictions placed upon the free movement of fishing vessels necessitated by Army and Navy coastal defense plans.

The following rounded figures illustrate the changes occurring in volume contrasted with the steady increase in value of the State's annual catch of the past four years:

	<i>Pounds</i>	<i>Change</i>	<i>Value</i>	<i>Increase</i>
1939-----	1,500,000,000		\$19,000,000	
1940-----	1,300,000,000	—200,000,000	20,400,000	\$1,400,000
1941-----	1,500,000,000	+200,000,000	22,500,000	2,100,000
1942-----	1,200,000,000	—300,000,000	26,100,000	3,600,000

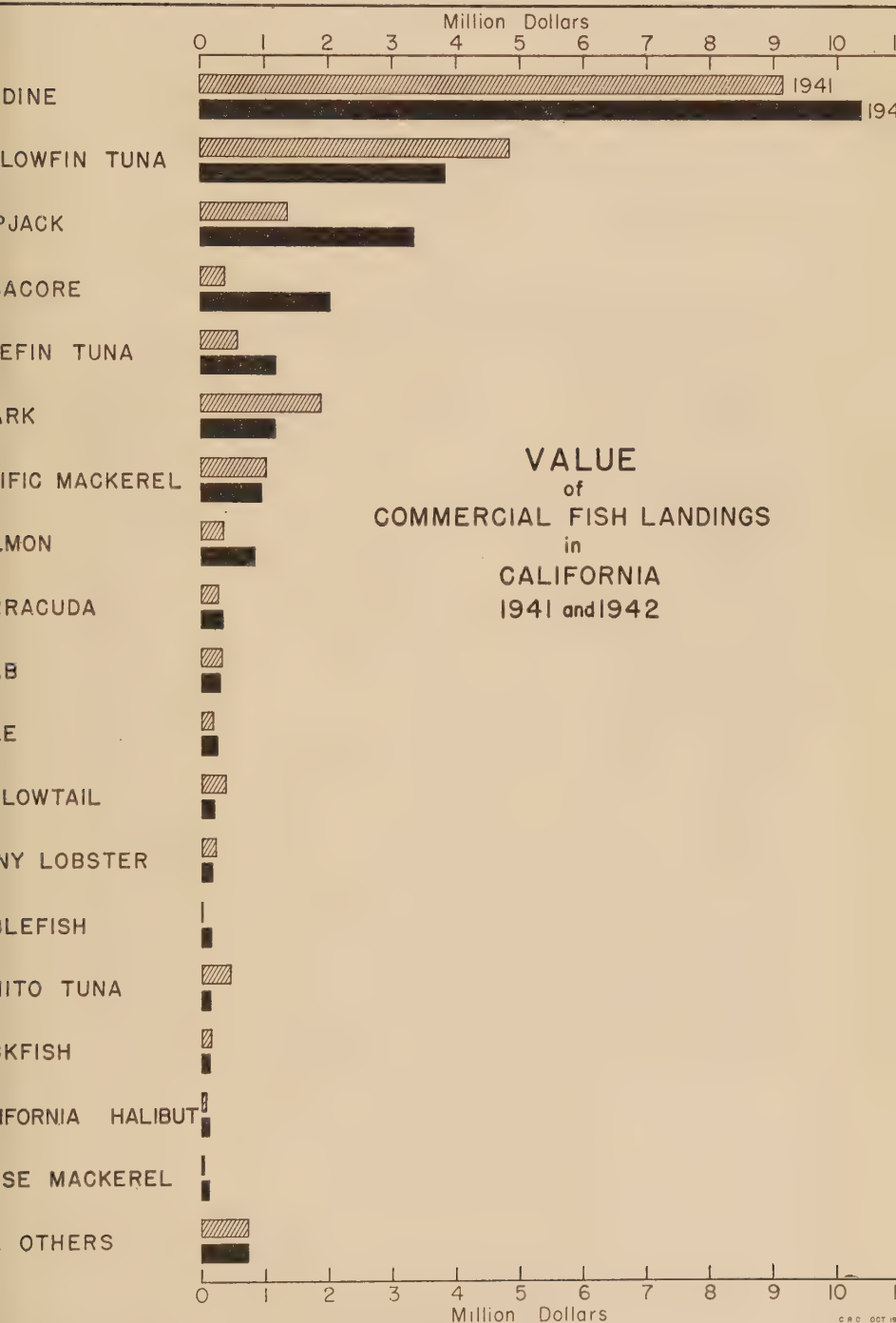


TABLE 3

Value of Commercial Fish Landings by California Boats—1941

<i>Species</i>	<i>Value</i>
Sardine -----	\$9,141,470
Yellowfin Tuna -----	4,851,319
Shark -----	1,891,520
Skipjack -----	1,361,567
Pacific Mackerel -----	1,010,145
Bluefin Tuna -----	580,758
Bonito Tuna -----	459,147
Yellowtail -----	383,373
Albacore -----	380,253
Salmon -----	335,724
Crab -----	307,509
Barracuda -----	267,501
Spiny Lobster -----	202,796
Sole -----	182,412
Broadbill Swordfish -----	146,300
Rockfish -----	145,012
White Sea-bass -----	93,854
California Halibut -----	77,021
Abalone -----	59,731
All others -----	492,490
Total value 1941 -----	\$22,369,902

Value of Shipments to Canneries From Other States and Foreign Countries—1941

Albacore -----	\$119,923
Skipjack -----	6,080
Bonito Tuna -----	3,034
Total value of shipments -----	\$129,037
Total value landings and shipments—1941 -----	\$22,498,939

TABLE 4

Value of Commercial Fish Landings by California Boats—1942

<i>Species</i>	<i>Value</i>
Sardine -----	\$10,369,736
Yellowfin Tuna -----	3,823,857
Skipjack -----	3,334,007
Albacore -----	2,012,999
Bluefin Tuna -----	1,158,514
Shark -----	1,150,497
Pacific Mackerel -----	954,643
Salmon -----	827,403
Barracuda -----	332,757
Crab -----	282,778
Sole -----	228,635
Yellowtail -----	192,631
Spiny Lobster -----	150,037
Sablefish -----	129,974
Bonito Tuna -----	114,765
Rockfish -----	104,172
California Halibut -----	102,422
Horse Mackerel -----	101,606
Broadbill Swordfish -----	94,217
Shad -----	84,459
White Sea-bass -----	78,995
Black Sea-bass -----	46,808
All others -----	427,356
Total value 1942 -----	\$26,103,268

Value of Shipments to Canneries From Other States and Foreign Countries—1942

Albacore -----	\$94,210
Skipjack -----	601
Bonito Tuna -----	11,967
Total value of shipments -----	\$106,778
Total value landings and shipments—1942 -----	\$26,210,046

TABLE 5

CALIFORNIA COMMERCIAL FISH LANDINGS—1941

Values for Eureka Region, Indicating Leading Ports and Species

EUREKA REGION	\$1,199,800	8,979,280 pounds	
Eureka	\$698,100	Shark	\$458,100
		Salmon	106,400
		Sole	57,800
		Crab	23,600
		Northern Halibut	16,400
		All other	35,800
Fort Bragg	\$304,800	Shark	196,100
		Salmon	73,200
		Sole	12,300
		Sablefish	7,300
		Whitebait	4,200
		All other	11,700
Crescent City	\$151,200	Shark	104,200
		Sole	21,100
		Salmon	19,500
		Rockfish	1,800
		All other	4,600
Shelter Cove	\$22,200	Salmon	22,000
		All other	200
Point Arena	\$17,800	Sole	13,300
		All other	4,500
All other ports	\$5,700		

TABLE 6

CALIFORNIA COMMERCIAL FISH LANDINGS—1941

Values for Sacramento Region, Indicating Leading Ports and Species

SACRAMENTO REGION	\$1,220,600	135,464,881 pounds	
Benicia	\$454,800	Sardine	\$454,800
Pittsburg	\$354,800	Sardine	314,500
		Salmon	26,300
		All other	14,000
Port Chicago	\$155,800	Sardine	155,800
Port Costa	\$127,400	Sardine	127,400
Martinez	\$78,900	Sardine	67,500
		Salmon	10,600
		All other	800
Sacramento	\$21,500	Salmon	11,700
		Catfish	7,000
		All other	2,800
Collinsville	\$16,900	Salmon	15,700
		All other	1,200
Stockton	\$8,200	Catfish	7,900
		All other	300
All other ports	\$2,300		

TABLE 7

CALIFORNIA COMMERCIAL FISH LANDINGS—1941

Values for San Francisco Region, Indicating Leading Ports and Species

SAN FRANCISCO REGION \$3,459,200		274,959,056 pounds	
San Francisco-----	\$1,745,200	Sardine-----	\$667,400
		Shark-----	648,600
		Crab-----	256,800
		Sole-----	66,000
		Rockfish-----	20,500
		Pacific Cultus-----	14,100
		Shrimp-----	13,800
		Sand Dab-----	10,100
		All other-----	47,900
Richmond-----	\$1,297,800	Sardine-----	1,294,500
		Shrimp-----	3,300
McNear's Point-----	\$209,900	Sardine-----	209,300
		Shrimp-----	600
Oakland-----	\$54,400	Shark-----	33,700
		Crab-----	16,900
		All other-----	3,800
Bay-----	\$44,300	Shark-----	40,100
		All other-----	4,200
Point Reyes-----	\$42,400	Salmon-----	24,600
		Oyster-----	11,100
		All other-----	6,700
Halfmoon Bay-----	\$28,700	Shark-----	25,700
		All other-----	3,000
All other ports-----	\$36,500		

TABLE 8

CALIFORNIA COMMERCIAL FISH LANDINGS—1941

Values for Monterey Region, Indicating Leading Ports and Species

MONTEREY REGION---- \$3,853,600		531,369,350 pounds	
Monterey-----	\$3,510,300	Sardine-----	\$3,167,500
		Shark-----	92,100
		Albacore-----	83,400
		Rockfish-----	44,600
		Abalone-----	26,400
		Squid-----	23,800
		Salmon-----	15,200
		All other-----	57,300
Moss Landing-----	\$225,700	Sardine-----	222,500
		Crab-----	2,400
		All other-----	800
Santa Cruz-----	\$117,500	Albacore-----	45,400
		Shark-----	34,400
		White Sea-bass-----	15,000
		Rockfish-----	11,900
		Sole-----	3,900
		All other-----	6,900
All other ports-----	\$100		

TABLE 9

CALIFORNIA COMMERCIAL FISH LANDINGS—1941

Values for Santa Barbara Region, Indicating Leading Ports and Species

SANTA BARBARA			
REGION -----	\$625,300	17,097,092 pounds	
Santa Barbara -----	\$229,200	Shark -----	\$63,800
		Broadbill Swordfish -----	42,600
		Bonito Tuna -----	30,700
		Spiny Lobster -----	25,600
		California Halibut -----	16,100
		Albacore -----	15,500
		Barracuda -----	13,000
		White Sea-bass -----	8,600
		Rockfish -----	6,100
		All other -----	7,200
Port Hueneme -----	\$171,100	Sardine -----	90,900
		Broadbill Swordfish -----	33,600
		Shark -----	26,000
		Pacific Mackerel -----	6,500
		Rockfish -----	4,600
		California Halibut -----	3,800
		All other -----	5,700
Avila -----	\$127,800	Albacore -----	117,500
		Shark -----	5,300
		All other -----	5,000
San Simeon -----	\$45,800	Albacore -----	45,800
Morro Bay -----	\$43,700	Abalone -----	33,400
		Oyster -----	5,300
		All other -----	5,000
Pismo Beach -----	\$5,700	Pismo Clams -----	5,700
All other ports -----	\$2,000		

TABLE 10

CALIFORNIA COMMERCIAL FISH LANDINGS—1941

Values for Los Angeles Region, Indicating Leading Ports and Species

LOS ANGELES REGION__	\$6,522,100	463,367,413 pounds	
Terminal Island_____	\$3,732,200	Sardine _____	\$1,708,000
		Pacific Mackerel _____	554,500
		Yellowfin Tuna _____	550,300
		Bluefin Tuna _____	358,300
		Bonito Tuna _____	219,600
		Skipjack _____	199,500
		Albacore _____	58,500
		Yellowtail _____	38,600
		Horse Mackerel _____	17,500
		Anchovy _____	14,400
		All other _____	13,000
Long Beach _____	\$1,031,800	Sardine _____	392,000
		Yellowfin Tuna _____	283,000
		Skipjack _____	86,400
		Pacific Mackerel _____	78,800
		Bluefin Tuna _____	73,500
		Bonito Tuna _____	56,700
		Yellowtail _____	33,100
		Albacore _____	10,500
		All other _____	17,800
Wilmington _____	\$848,500	Yellowfin Tuna _____	309,600
		Sardine _____	241,000
		Skipjack _____	65,400
		Pacific Mackerel _____	62,700
		Albacore _____	45,200
		Bonito Tuna _____	41,300
		Broadbill Swordfish _____	23,400
		Bluefin Tuna _____	21,600
		Shark _____	18,000
		All other _____	20,300
Newport _____	\$389,500	Pacific Mackerel _____	190,400
		Shark _____	51,800
		Broadbill Swordfish _____	39,900
		Skipjack _____	28,700
		Anchovy _____	16,400
		California Halibut _____	10,100
		All other _____	52,200
San Pedro _____	\$370,800	Barracuda _____	141,400
		White Sea-bass _____	45,100
		Bluefin Tuna _____	31,400
		Black Sea-bass _____	21,500
		California Halibut _____	20,900
		Cabrilla _____	12,200
		Rockfish _____	12,100
		All other _____	86,200
Santa Monica _____	\$106,400	Pacific Mackerel _____	62,100
		Barracuda _____	13,700
		Shark _____	12,300
		Spiny Lobster _____	4,300
		All other _____	14,000
All other ports _____	\$42,900		

TABLE 11

CALIFORNIA COMMERCIAL FISH LANDINGS—1941

Values for San Diego Region, Indicating Leading Ports and Species

SAN DIEGO REGION-----	\$5,618,500	96,391,239 pounds	
San Diego-----	\$4,859,400		Yellowfin Tuna----- \$3,086,400 Skipjack ----- 912,400 Yellowtail ----- 291,600 Spiny Lobster----- 147,800 Bonito Tuna----- 83,500 Bluefin Tuna----- 80,800 Albacore ----- 75,300 California Halibut----- 19,100 Sardine ----- 16,000 Rockfish ----- 15,600 Pacific Mackerel----- 13,400 All other ----- 117,500
Point Loma-----	\$758,100		Yellowfin Tuna----- 618,100 Skipjack ----- 75,300 Bonito Tuna----- 23,700 Bluefin Tuna----- 14,000 Shark ----- 7,900 All other----- 19,100
All other ports-----	\$1,000		

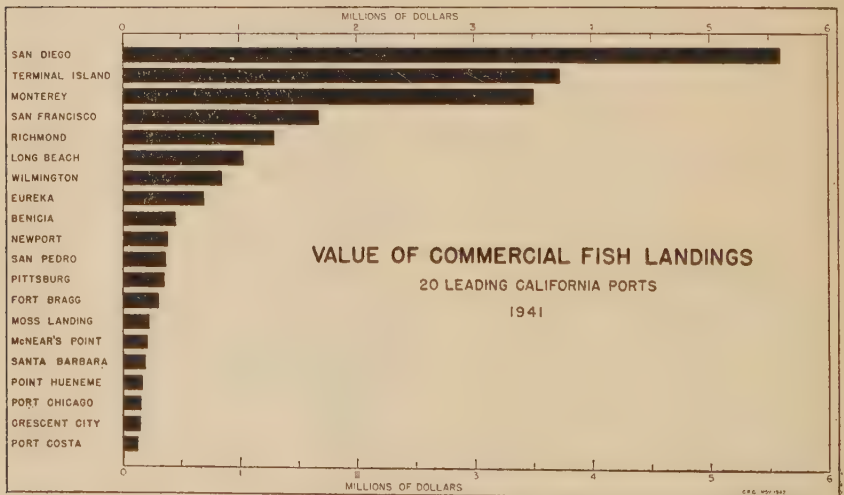


FIGURE 6

COMMERCIAL FISHERMEN

During the license year, April 1, 1941, through March 31, 1942, 9,344 fishermen obtained commercial fishing licenses. Approximately one-half (49%) of these men were born in this country and most of the foreign born had become citizens or had taken out their first naturalization papers. Fourteen per cent of the fishermen were aliens, of which more than one-half were foreign-born Japanese who could not become citizens of this Country. As our figures represent the license year, the record for the 1941-1942 season includes both the alien and citizen Japanese who were fishing commercially before December 7, 1941. Fishing by aliens was halted during the last four months of the 1941-1942 license year.

In the following license year, 1942-1943, many new men entered our fisheries to partially offset the number of fishermen who joined the armed services and the aliens who were not permitted to continue fishing. Approximately 700 Japanese and 300 Italians were denied fishing privileges but the total number of fishermen decreased only 300. There was an increase of more than 800 in the total native born fishermen during this second license period.

TABLE 12
NATIVITY OF LICENSED FISHERMEN
LICENSE YEAR 1941-1942

	<i>Number of Fishermen</i>
United States	4,534
Italy	1,511
Jugoslavia	958
Japan	699
Norway	579
Portugal	375
Great Britain	109
Sweden	89
Finland	58
Spain	57
Greece	51
Denmark	50
Russia	44
Germany	42
Mexico	41
All others	147
Total licensed fishermen	9,344

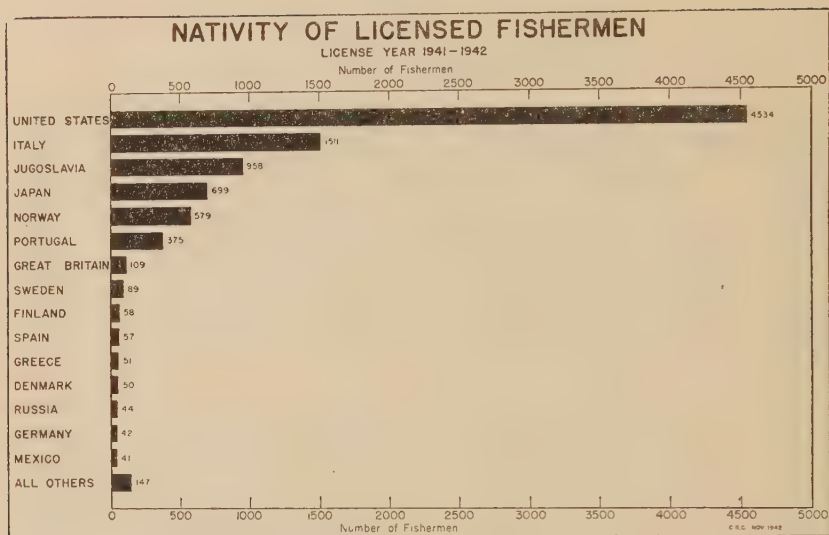


FIGURE 7

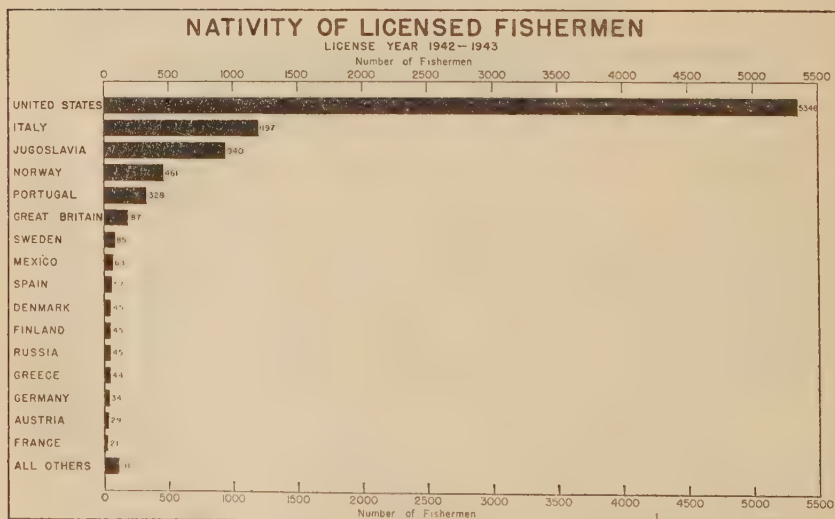


FIGURE 8

TABLE 13
NATIVITY OF LICENSED FISHERMEN
LICENSE YEAR 1942-1943

	<i>Number of Fishermen</i>
United States -----	5,346
Italy -----	1,197
Jugoslavia -----	940
Norway -----	461
Portugal -----	328
Great Britain -----	187
Sweden -----	85
Mexico -----	68
Spain -----	57
Denmark -----	45
Finland -----	45
Russia -----	45
Greece -----	44
Germany -----	34
Austria -----	29
France -----	21
All others -----	111
Total licensed fishermen -----	9,043

TABLE 14
CITIZENSHIP
1941-1942 LICENSED COMMERCIAL FISHERMEN

Citizens:	
United States born (excluding Orientals) -----	4,150
United States born Chinese -----	56
United States born Japanese -----	328
Foreign-born United States citizens -----	9
Naturalized citizens -----	2,485
Noncitizens:	
First naturalization papers -----	973
Aliens -----	1,303
Nativity not given -----	40
Total licensed commercial fishermen, license year April 1, 1941, through March 31, 1942 -----	9,344

TABLE 15
CITIZENSHIP
1942-1943 LICENSED COMMERCIAL FISHERMEN

Citizens:	
United States born (excluding Orientals) -----	5,333
United States born Chinese -----	13
Foreign-born United States citizens -----	6
Naturalized citizens -----	2,550
Noncitizens:	
First naturalization papers -----	727
Aliens -----	390
Nativity not given -----	24
Total licensed commercial fishermen, license year April 1, 1942, through March 31, 1943 -----	9,043

TABLE 16

CALIFORNIA COMMERCIAL FISHERMEN, LICENSE YEAR 1941-1942

Region of residence	Nativity	Number of fishermen	Total
Eureka -----	United States -----	269	388
	Finland -----	37	
	Norway -----	21	
	All others -----	61	
Sacramento -----	United States -----	210	381
	Italy -----	128	
	Greece -----	21	
	All others -----	22	
San Francisco -----	United States -----	480	1,336
	Italy -----	440	
	Norway -----	206	
	Jugoslavia -----	72	
	Japan -----	38	
	All others -----	100	
Monterey -----	United States -----	557	1,171
	Italy -----	417	
	Japan -----	65	
	Spain -----	39	
	All others -----	93	
Santa Barbara -----	United States -----	296	373
	Italy -----	16	
	Portugal -----	12	
	All others -----	49	
Los Angeles -----	United States -----	1,754	3,589
	Jugoslavia -----	828	
	Japan -----	484	
	Italy -----	226	
	Norway -----	53	
	All others -----	244	
San Diego -----	United States -----	853	1,661
	Portugal -----	314	
	Italy -----	271	
	Japan -----	110	
	Mexico -----	29	
	All others -----	84	
Alaska, Washington and Oregon fishermen licensed in California -----	Norway -----	271	445
	United States -----	115	
	Jugoslavia -----	29	
	All others -----	30	
Total licensed commercial fishermen for license year April 1, 1941 through March 31, 1942 -----			9,344

TABLE 17

CALIFORNIA COMMERCIAL FISHERMEN, LICENSE YEAR 1942-1943

Region of residence	Nativity	Number of fishermen	Total
Eureka -----	United States -----	136	
	Finland -----	27	
	Sweden -----	14	
	Norway -----	11	
	All others -----	25	213
Sacramento -----	United States -----	227	
	Italy -----	102	
	Greece -----	14	
	All others -----	24	367
San Francisco -----	United States -----	422	
	Italy -----	310	
	Norway -----	80	
	Jugoslavia -----	39	
	All others -----	76	927
Monterey -----	United States -----	530	
	Italy -----	333	
	Spain -----	39	
	Portugal -----	20	
	All others -----	72	994
Santa Barbara -----	United States -----	239	
	Italy -----	13	
	All others -----	54	306
Los Angeles -----	United States -----	2,911	
	Jugoslavia -----	846	
	Italy -----	200	
	Great Britain -----	132	
	Norway -----	59	
	All others -----	231	4,379
San Diego -----	United States -----	765	
	Portugal -----	272	
	Italy -----	233	
	Mexico -----	35	
	Sweden -----	22	
	All others -----	64	1,391
Alaska, Washington and Oregon fishermen licensed in California -----	Norway -----	283	
	United States -----	116	
	Jugoslavia -----	29	
	All others -----	38	466
Total commercial fishermen licensed for the year April 1, 1942 through March 31, 1943 -----			9,043

COMMERCIAL FISHING FLEET

In 1940 and 1941 our Federal Government as well as the governments of Great Britain and of Mexico purchased a considerable number of larger vessels, especially California purse-seiners. At this time many newly built purse-seiners were entering our fisheries so that there was little change noticeable in the number of larger boats in our commercial fishing fleet. The increase in the total number of fishing boats during the 1940-1941 license year was due to the entry of a large number of small boats attracted by the high prices paid for shark livers and the profits to be made from the dip-net method of fishing mackerel.

During the following license year (1941-1942) Government purchases of fishing vessels continued but the large number of vessels requisitioned after December 7, 1941, is not reflected in our 1941-1942 tables because most of the boats taken over by our Navy in 1942 fished during 1941 and are thereby included in Table 18 as active during the license year. However, our records do show that our fishing fleet had 252 fewer boats in the 1941-1942 season than during the preceding year. This decrease was due in part to the requisitioning of boats by military authorities but more to the fact that many of the mackerel dip-net boats were unsuccessful and did not fish after 1940-1941.

Another drop of 237 in the number of fishing boats occurred during the next period (1942-1943) in spite of the fact that many small pleasure boats turned to commercial fishing. The serious loss to the fleet occurred in the large boat class, over 64 feet in length. Nearly one-third of the larger boats were taken out of the fishing fleet in 1942.

TABLE 18
COMMERCIAL FISHING FLEET—1941-1942

Region of home port	Number of boats, grouped by length					Total number of boats for each region
	Up to 24 feet	25 to 39 feet	40 to 64 feet	65 to 84 feet	85 feet and over	
Eureka.....	15	188	20	-----	-----	223
Sacramento.....	86	145	2	-----	-----	233
San Francisco.....	36	407	78	22	2	545
Monterey.....	94	200	43	59	4	400
Santa Barbara.....	51	113	30	-----	2	196
Los Angeles.....	229	569	214	88	28	1,128
San Diego.....	63	111	73	24	59	330
Alaska, Washington and Oregon..	1	23	42	70	11	147
Total number of boats.....	575	1,756	502	263	106	3,202

This record includes the boats actively engaged in commercial fishing during the license year April 1, 1941 to March 31, 1942. It also includes 209 boats which were not engaged in market fishing but which did engage in marine sport fishing for profit and to which party permits were issued.

TABLE 19
COMMERCIAL FISHING FLEET—1942-1943

Region of home port	Number of boats, grouped by length					Total number of boats for each region
	Up to 24 feet	25 to 39 feet	40 to 64 feet	65 to 84 feet	85 feet and over	
Eureka.....	17	195	31	1	-----	244
Sacramento.....	80	135	5	-----	-----	220
San Francisco.....	26	325	52	17	1	421
Monterey.....	85	180	26	19	-----	310
Santa Barbara.....	23	85	25	1	-----	134
Los Angeles.....	253	678	206	89	15	1,241
San Diego.....	50	127	72	27	32	308
Alaska, Washington and Oregon.....	-----	5	25	54	3	87
Total number of boats.....	534	1,730	442	208	51	2,965

This record includes the boats actively engaged in commercial fishing during the license year April 1, 1942 to March 31, 1943. It also includes 108 boats which were not engaged in market fishing but which did engage in marine sport fishing for profit and to which party permits were issued.

FISHING PARTY VESSELS

Every person operating a fishing-party vessel for profit in this State must first obtain from the Division of Fish and Game a permit good for one calendar year. A record of these party-permit boats is included with the regular commercial fishing fleet because they draw upon the same supply of fish; the majority of the owners and operators hold commercial fishing licenses and sell the excess catch to the fresh fish markets and canneries.

TABLE 20
FISHING PARTY VESSELS

	1941	1942
Boat owners with market fishermen's licenses.....	344	184
Boat owners with party permits only.....	209	108
Total party-permit or "sport" boats.....	553	292

TABLE 21
ORIGIN OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1941

Species	California	North of the State Boundary	South of the International Boundary	Japan	Total pounds
Anchovy	4,105,382				4,105,382
Barracuda	2,971,349		1,230,579		4,201,928
Cabezone	13,346				13,346
Cabrilla			383,677		383,677
Carp	185,236				185,236
Catfish	176,923				176,923
Crevally			563		563
Cultus, Pacific	524,630	5,142			529,772
Eel	103				103
Flounder, Starry	601,577				601,577
Flying Fish	37,876				37,876
Grouper			277,778		277,778
Hake	15,044				15,044
Halibut, California	613,135		113,739		726,874
Halibut, Northern	214,388	150			214,538
Hardhead	1,841				1,841
Herring, Pacific	789,753				789,753
Kingfish	325,155				325,155
Mackerel, Horse	2,068,685				2,068,685
Mackerel, Pacific	78,167,200				78,167,200
Mackerel, Spanish			3,946		3,946
Mullet	1,334				1,334
Perch	26,045				26,045
Pike	606				606
Pompano, California	4,963				4,963
Rock Bass	133,274		3,703		141,977
Rockfish	3,197,742	1,876	203,004		3,405,622
Sablefish	531,110	5,430			536,540
Salmon	3,790,957				3,790,957
Sand Dab	439,999	2,485			442,484
Sardine	1,262,480,393				1,262,480,393
Sculpin	94,960		317		95,277
Sea-bass, Black	37,801		371,688		409,489
Sea-bass, Short-fin	2,305				2,305
Sea-bass, White	532,454		75,842		608,296
Sea-trout, California	143				143
Shad	113,101				113,101
Shark	7,588,518	25,260	471		7,614,249
Sheepshead	43,669		5,450		49,119
Skate	224,698				224,698
Smelt	452,669		40		452,739
Sole	4,546,114	79,573	168		4,625,855
Split-tail	20,383				20,383
Sucker	83				83
Swordfish, Broadbill	912,434		4,395		916,739
Tomcod	959				959
Tuna, Albacore	3,016,065	354,103		444,340	4,314,508
Tuna, Bluefin	8,848,147		670,865		9,519,012
Tuna, Bonito	7,850,496		3,957,106		10,907,602
Tuna, Skipjack	4,214,373		21,371,095	121,596	25,707,064
Tuna, Yellowfin	1,799		76,700,021		76,701,820
Turbot	26,936				26,936
Whitebait	131,102				131,102
Whitefish, Ocean	23,383		13,587		36,970
Yellowtail	95,924		9,734,766		9,830,690
Miscellaneous Fish	258,315	3,015	3,215		264,545
Crustacean:					
Crab	4,259,956	384			4,260,340
Crab, Rock	2,645				2,645
Lobster, Spiny	357,334		947,771		1,305,105
Shrimp	957,509				957,509
Mollusk:					
Abalone	1,002,325				1,002,325
Clam, Cockle	390				390
Clam, Gaper	1,539				1,539
Clam, Pismo	168,797		10,837		179,634
Clam, Soft-shell	65,988				65,988
Clam, Washington	20,764				20,764
Octopus	40,075				40,075
Oyster, Eastern	102,040				102,040
Oyster, Japanese	1,717,781				1,717,781
Oyster, Native	9,338				9,338
Squid	1,431,036				1,431,036
Total pounds	1,410,892,424	977,418	115,192,533	565,936	1,527,628,311

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries, and shipments of lobsters to the fresh fish dealers. For detail see introduction to the tables, page 7.

TABLE 22
POUNDS AND VALUE OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1941

Species	Eureka Region		Sacramento Region		San Francisco Region		Monterey Region	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Anchorvy								
Barracuda							33,306	\$609
Cabezone	686	\$8			600	\$6	1,550	97
Cabrilla							5,806	83
Carp								
Catfish				\$179				
Crevalle			6,120	27,309				
Cultus, Pacific			176,923					
Eel	160,190	7,421			294,856	15,175	70,789	3,469
Flounder, Starry					29	2		2
Flying Fish	281,421	9,065			302,632	9,892	16,053	628
Grouper								
Hake								
Halibut, California	5,482	55			9,042	91	300	3
Halibut, Northern	330	27			22,400	2,872	15,366	1,739
Hardhead	211,879	18,002			2,659	341		
Herring, Pacific			1,841	281				
Kingfish	1,392	23			686,320	6,611	102,062	884
Mackerel, Horse					2,676	117	118,543	5,379
Mackerel, Pacific					31,602	250	264,503	8,323
Mackerel, Spanish							1,823,621	24,114
Mullet								
Perch								
Pike	1,550	49			2,898	215	8,955	462
Pompano, California								
Rock Bass			606	35			254	151
Rockfish								
Sablefish	456,083	17,774			453,123	21,257	1,459,997	56,566
Salmon	360,700	14,723			70,889	3,776	53,971	1,077
Sand Dab	2,413,368	221,069	844,963	64,514	375,766	32,604	153,662	17,190
Sardine	170,694	7,279			228,200	10,266	36,361	1,825
Sculpin	893	27	134,301,050	1,120,299	261,024,070	2,170,659	522,804,868	3,390,319
Sea-bass, Black								
Sea-bass, Short-fin					179	16	16	2
Sea-bass, White	2,006	230						
Sea-trout, California					42,274	5,461	185,405	15,678
Shad							135	3
Shark			112,912	7,141			189	10
Sheepshead	1,500,842	760,225			2,909,608	761,891	885,865	126,473
Skate	47,720	517			121,716	1,224	12,646	254

Smelt.....	25,475	1,024			112,650	4,789	99,754	4,219
Sole.....	2,670,278	104,404			1,720,604	68,346	171,808	7,483
Split-tail.....			20,383	815				
Sucker.....			83	4				
Swordfish, Broadbill.....								
Tomcod.....	695	21			264	7		
Tuna, Albacore.....	383	56			2,809	326		
Tuna, Bluefin.....					4,344	391		
Tuna, Bonito.....							1,173,015	128,813
Tuna, Skipjack.....							31	2
Tuna, Yellowfin.....								
Turbot.....								
Whitebait.....								
Whitefish, Ocean.....	90,153	6,649			22,793	998	4,143	194
Yellowtail.....					40,882	2,985	67	6
Miscellaneous Fish.....	89,740	853						
					48,395	500	3,799	192
Crustacean:								
Crab.....								
Crab, Rock.....	404,012	29,396			3,750,652	274,557	45,676	3,432
Lobster, Spiny.....								
Shrimp.....					952,152	17,985	5,357	1,026
Mollusk:								
Abalone.....								
Ciam, Cockle.....					390	28	488,950	26,366
Ciam, Gaper.....					1,539	38		
Ciam, Pismo.....							9,972	661
Ciam, Soft-shell.....					65,988	2,611		
Ciam, Washington.....	20,084	756			680	61		
Octopus.....	3,224	131			6,499	350		
Oyster, Eastern.....					102,040	8,865	30,080	1,995
Oyster, Japanese.....					1,529,157	33,196		
Oyster, Native.....					9,338	373		
Squid.....								
							1,282,381	23,833
Total pounds and value.....	8,979,280	\$1,199,764	135,404,881	\$1,220,570	274,659,056	\$3,459,163	531,369,350	\$3,853,592

TABLE 22—Continued
POUNDS AND VALUE OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1941

Species	Santa Barbara Region		Los Angeles Region		San Diego Region		Total	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Anchovy	33,215	\$323	4,038,261	\$44,732			4,105,382	\$45,670
Barracuda	136,484	14,016	3,299,587	207,140	744,307	\$46,248	4,201,928	267,501
Cabrilla	310	10	74	2			13,346	166
Carp			204,683	12,186	178,994	9,320	383,677	21,566
Calfish			179,116	1,917			185,236	2,089
Crevailly							176,923	27,309
Cuttus, Pacific			563	17			563	17
Eel	2,701	169	545	33	691	42	529,272	26,309
Flounder, Starry	74	5					601,577	19,641
Flying Fish	1,184	38	282	18			37,876	1,436
Grouper	102	3	37,774	1,433			277,778	18,070
Hake			107,127	8,493	170,651	9,572	15,044	153
Halibut, California	212,538	20,190	220	3	179,304	19,141	726,874	77,021
Halibut, Northern			296,836	33,052			214,538	18,343
Hardhead							1,841	281
Herring, Pacific	39	1			40	2	789,753	7,521
Kingfish	63	3	202,933	4,594			325,155	940
Mackerel, Horse	240	12	1,803,519	25,232	423	26	2,068,685	33,578
Mackerel, Pacific	528,915	7,123	74,114,133	957,295	1,608,929	21,363	78,167,200	1,010,145
Mackerel, Spanish			2,675	206	1,271	49	3,946	255
Mullet					1,334	134	1,334	134
Perch	2,223	111	10,367	609	52	2	26,045	1,448
Pike							4,963	1,135
Pompano, California			4,709	984			141,977	10,939
Rock Bass	36,901	2,121	60,471	5,197	44,605	3,621	3,405,622	145,012
Rockfish	290,056	13,371	447,437	20,385	298,926	15,629	336,540	22,837
Sablefish	5,185	277	45,795	2,484			3,790,957	335,724
Salmon	3,188	345	10	2			442,484	20,356
Sand Dab			7,229	986			1,262,480,393	9,141,470
Sardine	10,692,857	90,852	330,715,079	2,347,751	2,941,576	21,563	2,549	95,277
Sculpin	272	12	63,074	6,028	31,931	2,549	409,489	31,711
Sea-bass, Black			255,066	22,056	130,501	8,504	2,305	275
Sea-bass, Short-fin	20,727	1,133			2,305	275	908,296	93,854
Sea-bass, White					85,615	7,954	143	3
Sea-trout, California	93,569	11,422	499,427	53,109			113,101	7,151
Shad	8						7,614,249	1,891,520
Shark	940,183	95,141	968,729	115,560	409,022	32,230	40,119	2,029
Sheepshead	28,407	1,090	11,776	499	8,936	440	224,698	2,593
Skate	30,964	334	11,522	261	130	3		

Smelt.....	12,221	550	195,623	8,994	7,016	349	452,739	19,925
Sole.....	55,100	1,696	7,023	386	982	97	4,625,855	182,412
Split-tail.....							20,383	815
Sucker.....							83	4
Swordfish, Broadbill.....	477,793	76,729	419,337	66,253	19,609	3,318	916,739	146,300
Tomcod.....							959	28
Tuna, Albacore.....	1,730,189	181,348	911,101	114,207	497,011	75,426	4,314,508	500,176
Tuna, Bluefin.....	3,598	280	7,948,046	484,991	1,562,124	95,096	9,519,012	580,758
Tuna, Bonito.....	685,294	30,846	7,664,557	324,032	2,557,720	107,301	10,907,602	462,181
Tuna, Skipjack.....			7,438,178	380,026	18,268,886	987,621	25,707,064	1,367,647
Tuna, Yellowfin.....	60	4	18,800,627	1,146,689	57,901,133	3,704,626	76,701,820	4,851,319
Turbot.....							26,936	1,162
Whitebait.....							131,102	9,640
Whitefish, Ocean.....	15,326	783	8,625	520	13,019	675	36,970	1,987
Yellowtail.....	349	20	2,222,745	86,752	7,607,596	296,601	9,830,690	383,373
Miscellaneous Fish.....	22,655	1,861	97,411	4,700	2,555	186	264,545	8,272
Crustacean:								
Crab.....								
Crab, Rock.....	263	16	2,382	108			4,260,340	367,385
Lobster, Spiny.....	152,621	26,275	136,360	28,653	1,016,124	147,558	2,045	124
Shrimp.....							1,305,105	202,796
							957,509	19,011
Mollusk:								
Abalone.....	513,375	33,365					1,002,325	59,731
Clam, Cockle.....							390	28
Clam, Gaper.....							1,539	38
Clam, Pismo.....	158,825	8,089	10,337	332			179,634	9,082
Clam, Soft-shell.....							65,988	2,611
Clam, Washington.....							20,764	817
Octopus.....	84	5	188	27			40,075	2,508
Oyster, Eastern.....							102,040	8,865
Oyster, Japanese.....	188,624	5,320					1,717,781	38,516
Oyster, Native.....							9,338	373
Squid.....			111,654	3,100	37,001	670	1,431,036	27,603
Total pounds and value.....	17,097,092	\$623,289	463,367,413	\$6,522,059	96,391,239	\$5,618,502	1,527,623,311	\$22,498,939

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries and shipments of lobsters to the fresh fish dealers. For detail see introduction to the tables, page 7.

COMMERCIAL FISH CATCH OF CALIFORNIA

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Sole	412,221	212,043	460,922	561,863	531,771	493,428	300,826	303,691	389,173	348,529	375,042	86,346	4,025,855
Split-tail	992	803	438	206	418			1,111	4,063	5,787	4,784	1,851	20,383
Sucker	37	30								16			83
Swordfish, Broadbill					21,408	148,634	217,102	295,193	209,050	25,094	158		916,739
Toncod		28	16	45	390			175		308			659
Tuna, Albacore			134,529		2,509,394	153,994	155,817	829,983	2,879,581	160,578	26		4,314,508
Tuna, Bluefin			1,198		17,070	15,474,401	2,897,615	4,055,854	4,273		36		9,519,012
Tuna, Bonito			13,072	28,038	17,070	42,906	3,384,646	4,542,565	1,901,295	107,280	1,334		10,907,602
Tuna, Skipjack	103,657	315,192	1,718,557	814,075	1,268,891	1,906,508	3,093,367	4,158,212	4,338,293	3,306,744	239,840	121,461	25,707,964
Tuna, Yellowfin	5,340,510	4,043,533	4,097,294	6,898,307	7,010,056	7,085,482	7,937,838	5,917,150	7,900,568	4,666,269	1,933,334	8,127,175	76,701,820
Turbot	963	120	1,831	4,143	2,694	5,787	4,039	2,084	564	3,106	1,575		26,936
Whitbait	17,124	16,057	17,219	17,591	16,830	15,281	11,238	13,099	4,567	1,598	495	63	131,102
Whitefish, Ocean	4,147	5,589	1,925	1,406	16,890	1,098	1,427	127	500	8,967	10,734	36,970	9,830,690
Yellowtail	171,145	120,309	104,974	171,101	78,746	240,375	2,407,355	3,318,882	2,075,468	495,165	378,163	209,067	264,545
Miscellaneous Fish	14,546	8,373	16,038	23,787	21,996	22,899	32,565	64,998	17,463	18,794	14,601	8,535	
Crustacean:													
Crab	446,036	499,338	584,162	405,052	571,256	430,678	371,872	342,324	4,872		499,038	105,712	4,266,340
Crab, Rock	681	614	500	350	130		50	30			100	2,645	
Loyster, Spiny	273,232	300,360	108,080							188,997	208,804	225,632	1,305,105
Shrimp	35,045	50,367	62,593	76,827	85,896	73,931	102,101	175,217	125,432	42,136	63,863	64,101	957,509
Mollusk:													
Abalone	3,400		34,975	171,950	176,025	99,925	275,775	73,125	46,250	46,500	74,400		1,002,325
Clam, Cockle	41	44	32	24	28	27	43	25	31	26	39	30	300
Clam, Gaper			280	280	240	280	240	163	16		40		1,539
Clam, Pismo	10,927	9,092	12,960	13,667	16,521	18,327	19,283	19,796	15,889	13,947	12,671	16,554	179,634
Clam, Soft-shell	4,572	4,895	5,704	7,050	6,536	5,168	5,096	5,341	5,379	5,739	5,308	5,200	65,988
Clam, Washington	2,500	2,280	3,449	3,343	2,78	112	112	80	1,954	2,756	2,418	1,482	20,764
Octopus	1,511	1,163	2,970	2,964	5,670	6,735	10,928	4,540	1,371	475	1,242	506	40,075
Oyster, Eastern	9,464	9,993	9,710	8,906	5,948	4,525	4,483	5,421	9,052	11,189	10,085	13,284	102,040
Oyster, Japanese	156,200	168,803	205,885	197,623	133,286	91,551	99,330	111,589	141,576	179,555	158,593	73,820	1,717,781
Oyster, Native	42	1,225	1,327	1,299	927	1,688	1,757	611		157	157	305	9,338
Squid	21,336	35,527	29,690	121,965	495,180	557,120	33,190	40,065		7,085	54,566	35,303	1,431,036
Total pounds	159,283,487	99,997,441	14,200,572	11,195,951	16,018,680	16,339,668	28,454,369	184,102,211	241,003,491	373,123,269	311,709,712	72,229,460	1,527,628,311

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries and shipments of lobsters to the fresh fish dealers. For detail see introduction to the tables, page 7.

DIVISION OF FISH AND GAME

TABLE 24
COMMERCIAL FISH LANDINGS IN THE EUREKA REGION DURING 1941

Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Cabazon	2,533	87	144	75	304	5,741	13,326	20,084	18	11,003	30,886	2,404	686
Cultus, Pacific		6,214	26,777	13,058	12,853	62,630	53,485	48,100	14,711	2,830	9,838	370	159,580
Flounder, Starry		52	450	31,105	33,978	1,100	1,200	100	38,583	1,000	200		281,421
Hake		17			1,965	1,100			300				5,482
Hake, California		20		140		170							330
Halibut, Northern				41,520	84,057	63,845	5,742	9,203	6,553	803			211,729
Halibut, Pacific	342	1,050											1,392
Herring, Pacific	55	123	121	1,163									1,550
Perch	1,101	14,769	80,236	58,639	72,412	53,770	51,807	46,628	24,027	20,018	20,754	1,572	454,733
Rockfish	139	1,737	16,525	20,711	34,438	43,163	46,553	85,417	70,632	38,303	2,352		359,950
Sablefish				587	211,835	443,871	580,247	1,052,705	124,613				2,413,368
Salmon					27,995	33,090	20,695	17,688	12,001	3,729	2,955	520	163,209
Sand Dab		12,000	11,871	25,425		630	263						893
Sardine						11							1,089
Sea-bass, White	18,902	2,953	3,342	1,145	15,495	29,490	56,709	80,913	85,814	266,669	871,050	62,895	1,494,692
Shark		2,175	4,755	4,959	6,289	5,026	5,480	5,465	5,780	5,939	3,221	631	47,720
Skate	71	2,045	3,008	170	65	1,796	7,182	4,812	5,604	713			25,475
Smelt	1,650	57,014	308,819	368,806	382,469	342,417	230,268	292,370	304,034	116,415	158,903	7,540	2,590,705
Sole					390			175			130		695
Tomcod								106	187				383
Tuna, Albacore						13,380	10,990	12,655	2,123	1,533	495	93	90,153
Whitebait	6,805	8,696	10,540	11,597	12,366	15,910	6,707	7,517	8,097	3,692	3,596	165	86,725
Miscellaneous Fish		1,638	8,957	15,515	15,731								
Crustacean:													
Crab	26,252	34,586	71,798	74,698	82,104	60,630	42,480	63,992	1,968			120	463,628
Mollusk:													
Clam, Washington	2,500	2,280	3,337	3,231	182				1,898	2,756	2,418	1,482	20,084
Octopus		227	964	579	581	37	413	47	35	98	219	24	3,224
Total pounds	59,918	174,393	560,694	673,058	995,109	1,176,817	1,133,868	1,742,272	706,978	475,589	1,107,726	78,401	8,884,823

TABLE 24—Continued
Fishing Boat Landings from Waters North of the State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Cultus, Pacific.....					450			150					600
Hallbut, Northern.....					150								150
Rockfish.....				300	150			300		400	200		1,350
Sablefish.....								750					750
Sand Dab.....				525	490					1,470			2,485
Shark.....								1,050		3,800	1,300		6,150
Sole.....				8,575	20,503			6,125		42,350	1,820		79,573
Miscellaneous Fish.....				1,925	490					600			3,015
Crustacean:													
Crab.....					384								384
Total pounds.....				11,325	22,617			8,375		48,820	3,320		94,457
Grand totals, Eureka Region.....	59,918	174,393	560,694	684,383	1,017,726	1,176,817	1,133,868	1,750,647	706,978	524,409	1,111,046	78,401	8,979,280

TABLE 25
COMMERCIAL FISH LANDINGS IN THE SACRAMENTO REGION DURING 1941
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Carp.....	348	1,557	1,934	848	546			81	187	313	90	216	6,120
Catfish.....	7,952	4,642	12,644	20,555	2,281		1,580	1,401	26,029	35,831	32,081	29,598	176,923
Hardhead.....	639		2	107							15	1,078	1,841
Pike.....		95	274	152				4		26	45	10	606
Salmon.....	201	1,269	9,748	16,764	86,063	60,635		81,105	588,872	38,254,800	1,676	18,640	844,963
Sardine.....	3,166,900	871,400						30,748,960	29,815,500		31,443,500		134,301,050
Shad.....		136	67,109	20,175	25,492								112,912
Split-tail.....	932	803	438	206	418			1,111	4,053	5,757	4,784	1,851	20,383
Sucker.....	37	30								16			83
Grand totals, Sacramento Region.....	3,177,009	879,932	92,149	58,797	114,800	62,964	1,580	30,832,652	30,414,641	38,296,773	31,482,191	51,393	135,464,881

TABLE 26
COMMERCIAL FISH LANDINGS IN THE SAN FRANCISCO REGION DURING 1941
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchorovy.....						1,350	600		163	313			600
Cabazon.....	65		347	3,273	831	20,398	8,939	15,267	30,604	40,603	128	8,903	6,470
Cutles, Pacific.....	14,216	29,872	43,741	23,364	22,526	20,398	25,490	12,567	12,966	21,019	15,397	3,661	290,314
Flounder, Starry.....	4,982	31,659	65,696	39,524	22,549	47,769	450	3,897	469	796	1,580	150	302,632
Hake.....			50		600	1,050	1,125	586	360	2,010	662	392	9,042
Haituit, California.....	5,123	2,426	6,202	2,174	339	1,001	1,125	125	1,860				22,400
Haituit, Northern.....					671		3						2,659
Herring, Pacific.....	328,895	283,375	72,800	980		52		20	28	744	175	240	686,220
Kingfish.....	608	429	376	9	175			1,130		29,872	345		2,676
Macaroni, Pacific.....			255		106			140		175	312	3	31,602
Perch.....	887	125	497	653	29,680	23,141	13,980	11,672	28,768	43,284	38,004	9,150	2,898
Rockfish.....	45,282	52,185	97,463	54,825	1,878	105,628	143,387	4,855	8,062	22,159	916	13,090	452,597
Sablefish.....	415	1,141	4,447	7,720	82,331	105,628	143,387	8,344	33,943				66,209
Salmon.....		1,718	4,490		15,654	18,349	15,578	18,849	17,969	11,189	24,913	11,522	375,766
Sand Dab.....	39,545	16,223	17,638	20,761	15,654	20,300	267,000	40,162,156	62,247,315	66,806,945	67,181,700	48,400	228,200
Sardine.....	14,524,500	3,402,660	12,100		111,000								201,024,070
Sardine, Black.....	104		50			28	156	6,178	12,923	10,946		310	179
Sea-bass, White.....	784	1,733	42,596	50,117	5,714	21,847	25,013	195,816	314,872	381,947	9,166	102,979	42,274
Shark.....	796,738	169,793	14,655	9,812	7,264	10,083	5,970	3,918	3,899	6,192	13,518	10,979	2,890,498
Skate.....	26,191	9,235	31,968	28,050	565	1,335	1,255	573	58	112,650	34	34	121,716
Snail.....	17,353	29,374	125,157	124,592	89,865	137,633	122,033	97,197	81,008	133,831	206,004	78,172	112,650
Sole.....	402,169	118,943	16	45					2,221	562	175		1,720,604
Tomcod.....		28							47		26		264
Tuna, Albacore.....									3,301	966			2,809
Tuna, Bluefin.....									594	1,400			4,344
Turbot.....	963	126	1,631	2,738	1,877	5,787	4,034	2,084	2,444	65	1,575		22,793
Whiting.....	10,769	7,361	9,673	6,064	4,411	1,877	238	954	2,167	4,362	6,454		40,882
Miscellaneous Fish.....	10,533	4,115	4,594	4,026	1,714	3,027	2,500	393				4,510	48,395
Crustacean:									2,904				
Crab.....	415,208	461,716	506,869	324,650	480,704	367,540	325,516	272,406	2,904		491,518	101,630	3,750,652
Shrimp.....	35,045	50,367	62,593	76,827	85,438	72,940	100,242	173,856	125,432	42,136	63,400	63,876	952,152
Mollusk:													
Clam, Cockle.....	41	44	32	24	28	27	43	25	31	26	39	30	390
Clam, Gaper.....			280	250	240	280	240	163	16		40		1,539
Clam, Soft-shell.....	4,572	4,895	5,704	7,050	6,586	5,168	5,096	5,341	5,379	5,739	5,308	5,200	65,988
Clam, Washington.....			1,112	112	96	112	112	80	56				680
Octopus.....	1,026	746	1,405	1,008	532	525	409	276	276	56	288	44	6,499
Oyster, Eastern.....	9,464	9,993	9,710	8,906	5,948	4,525	4,483	5,421	9,052	11,189	10,085	13,204	102,040
Oyster, Japanese.....	146,703	146,703	185,237	176,519	120,081	82,828	88,992	97,906	126,094	161,665	140,090	53,298	1,529,157
Oyster, Native.....	42	1,225	1,327	1,269	927	1,088	1,757	611			157	305	9,338
Total pounds.....	16,842,333	4,901,218	1,310,488	992,112	1,100,210	1,141,941	1,165,933	47,103,444	63,071,417	67,743,099	69,027,961	530,142	274,930,198

TABLE 26—Continued
Fishing Boat Landings from Waters North of the State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Cultus, Pacific										1,500		3,042	4,542
Rockfish										526			526
Sablefish										4,680			4,680
Shark										1,930		17,180	19,110
Total pounds										8,636		20,222	28,858
Grand total, San Francisco Region	16,842,333	4,901,218	1,310,488	992,112	1,100,210	1,141,841	1,165,933	47,103,444	63,071,417	67,751,735	69,027,961	550,364	274,959,056

TABLE 27
COMMERCIAL FISH LANDINGS IN THE MONTEREY REGION DURING 1941
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchovy				3,524	6,775	5,727	5,430		11,300	550			33,306
Barracuda				18	7			1,477		43			1,550
Cabezone				1,402	806	183	2,193		6	168	233	7	5,806
Cultus, Pacific	4,590	1,121	2,899	3,046	10,102	6,184	9,647	5,084	3,269	9,503	13,496	1,154	70,789
Eel				22									29
Flounder, Starry		157		4,433	4,409	281	677	60	57	2,137	302	71	16,058
Hake										300			300
Halibut, California	1,656	532	905	1,515	2,000	252	337	1,820	1,367	2,412	2,088	482	15,366
Herring, Pacific		1,800	12					100,250					102,062
Kingsfish	11,005	10,927	4,842	4,618	6,406	5,765	2,887	4,152	19,278	21,369	18,281	9,013	118,343
Kingfish	10,980	4,535	2,149	1,755	3,896	7,362	5,426	151,551	34,926	25,922	13,316	2,985	284,503
Mackerel, Horse	18,829	9,479	26,104	8,168	1,309	1,850	48,613	989,228	110,744	187,747	413,981	7,569	1,823,621
Mackerel, Pacific		36	315	3,375	50		1,304	236	105	3,250		4	8,955
Perch				38	184	4		16					254
Pompano, California				145,673	315,699	147,644	153,864	82,671	15,294	78,685	91,668	34,071	1,450,997
Rockfish	99,281	121,647	173,600	382	613	7,489	5,851	2,769	4,600	15,048	5,259	1,434	53,971
Sablefish	960	5,531			4,035								153,662
Salmon			142	3,764	39,020	40,624	70,112		204	2,646		300	36,361
Sand Dab		796		7,416	5,473	7,081	4,257	3,225					
Sardine	45,752,869	18,513,171	32,862	33,116	272,260	114,430	168,890	75,282,153	114,758,270	120,095,141	136,162,321	11,619,385	522,804,868
Sea-bass, Black		206		23	222	368	20,229			17,882	10,505		16
Sea-bass, White				85									185,405
Sea-trout, California				16	161								135
Shad				887	670	1,769	15,985	39,147	118,454	110,915	130,247	44,432	885,885
Shark	371,696	38,240	13,423	887									189
Skate	341	359	1,078	891	1,302	577	401	1,017	231	5,474	759	186	82,646
Snelt	4,742	2,320	6,137	9,804	10,867	10,867	7,323	7,227	15,294	20,102	8,500	2,331	99,754
Sole	1,785	1,047	19,972	50,011	35,083	1,236	2,630	3,399	1,058	50,525	4,725	97	171,868
Tuna, Albacore								2,751	1,170,184	80			1,173,015
Tuna, Bonito								11	20				31
Turbot			200	1,415	817		5			1,706			4,143
Whitebait					53	14							67
Miscellaneous Fish		44	315	60	156		30	24	100	2,720	350		3,799
Crustacean:													
Crab	4,576	3,036	5,504	5,704	8,064	2,508	3,876	926			7,520	3,962	45,676
Shrimp					458	991	1,859	1,361			463	225	5,357
Mollusk:													
Abalone	3,400		34,975	111,750	89,050	61,250	133,375	17,900	29,500	2,000	5,750		488,950
Clam, Pismo	3,028	1,309	2,598	1,237						1,957	9,837	106	9,972
Octopus	428	189	598	1,377	4,518	6,173	10,106	4,279	1,000	281	705	396	30,080
Squid	6,835			90,927	495,189	557,120	33,190	40,065		7,085	38,425	13,545	1,282,381
Grand totals, Monterey Region	46,297,380	18,716,756	334,652	493,915	1,318,088	987,749	708,510	76,867,699	116,306,572	120,665,018	136,030,350	11,742,161	531,369,350

COMMERCIAL FISH LANDINGS IN THE SANTA BARBARA REGION DURING 1941

Fishing Boat Landings from California Waters

COMMERCIAL FISH CATCH OF CALIFORNIA

41

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchorvy.....	46,497	6,969	6,872	7,741	4,979	2	1,400	6,054	14,796	23,450	31,815	11,876	33,215
Barracuda.....	11				95	45	94			85	27,154		156,484
Cabezone.....	202	109	64	104	34	30	92	247	164	948	74		2,701
Cultus, Pacific.....			36	12	6	50	10	64	4	949	33	20	74
Eel.....					102								1,184
Flounder, Slary.....													102
Flying Fish.....													212,538
Halibut, California.....	24,987	20,204	15,770	16,284	17,938	14,704	19,686	16,540	11,694	25,047	22,079	6,705	39
Herring, Pacific.....	22			23		16							63
Kingfish.....					3	8				30			240
Mackerel, Horse.....			240										528,915
Mackerel, Pacific.....	8,657	11,707	1,565	1,092	73		2,312	6,326	3,743	172,813	208,325	112,302	2,223
Perch.....			13	349	82		103		148	892	991	45	36,901
Rock Bass.....	5,636	5,565	2,465	1,261	3,067	1,739	4,945	3,883	849	1,132	3,843	2,816	290,056
Rockfish.....	31,800	28,913	37,631	26,881	31,001	15,487	40,308	12,620	5,940	21,226	31,210	7,009	5,185
Sablefish.....	1,068			45		272	1,537	157			35		3,188
Salmon.....					300	129	3,059		22,067	2,848,500	3,207,300	4,603,000	10,692,857
Sardine.....	6,575				20	115	8			15	152		272
Sculpin.....				77									2,727
Sea-bass, Black.....	1,819	1,824	4,157	4,132	1,681	2,008	494	428	56	670	2,100	1,358	93,569
Sea-bass, White.....	1,091	2,522	1,926	1,320	7,522	11,910	14,397	24,127	6,253	3,255	15,427	3,819	8
Sea-trout, California.....					3	5							940,183
Shark.....	18,423	12,141	79,022	106,435	171,403	231,767	163,201	45,479	26,142	33,447	32,534	19,380	28,407
Sheepshead.....	4,106	7,051	5,326	64	451	585	871	362	229	757	6,269	2,336	30,964
Skate.....	2,111	3,156	3,160	3,478	716	2,143	1,973	2,279	3,024	4,877	2,721	1,326	387
Snout.....	572	97	75	2,163	2,204	3,868	1,101	441	553	390	370	12,221	55,100
Sole.....	5,002	4,357	6,463	5,048	3,360	10,140	8,852	3,844	2,825	4,223	3,317	436	47,793
Swordfish, Broadbill.....					2,429	44,730	86,812	169,768	157,127	16,927			1,730,189
Tuna, Albacore.....								536,673	1,185,010	8,506			3,898
Tuna, Bluefin.....					45			3,611		242			685,294
Tuna, Bonito.....	5,048	366	161	96	104		581	469,644	201,869	1,411	4,934	1,080	60
Tuna, Yellowfin.....													15,326
Whitfish, Ocean.....	1,417	2,445	1,622	14	346	92	356	20	192	1,167	6,638	1,117	349
Yellowtail.....					72	266		11					22,665
Miscellaneous Fish.....	2,457	2,578	1,475	1,185	1,175	2,547	3,282	1,552	1,085	1,922	1,862	1,545	
Crustacean:													263
Crab, Rock.....	263												152,621
Lobster, Spiny.....	12,069	9,594	4,402							68,988	35,024	23,444	
Mollusk:													513,375
Abalone.....				60,200	86,975	38,675	142,400	55,225	16,750	44,500	68,650		158,825
Clam, Pismo.....	7,899		10,362	12,430	16,521	18,327	19,283	19,796	15,889	12,890	12,034	5,611	84
Octopus.....					39						14	31	188,624
Oyster, Japanese.....	9,497	19,039	20,648	21,104	13,225	8,723	10,328	13,683	15,482	17,570	18,503	20,522	
Grand totals, Santa Barbara Region.....	198,874	145,375	204,379	272,118	365,926	408,308	523,638	1,392,834	1,691,951	3,317,129	3,743,415	4,833,145	17,097,092

TABLE 29
COMMERCIAL FISH LANDINGS IN THE LOS ANGELES REGION DURING 1941
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchovy.....	121,295	54,945	81,147	12,766	33,485	31,823	63,973	311,239	902,793	1,251,014	1,033,310	140,471	4,038,261
Barbacuda.....	9,776	23,355	208,632	285,107	536,949	593,137	417,408	236,399	14,755	5,447	2,512	1,707	2,340,182
Cabezone.....												87	74
Carp.....		28	20,450	5	23,100	20,416	35,050	16,200		185	41,750	23,150	179,116
Cultus, Pacific.....	59	42	24	3	17	18	187	48	3		96		545
Flounder, Strary.....													282
Flying Fish.....			1,410	4,371	6,438	4,618	7,984	9,020	3,947				37,774
Hake.....	220												220
Halibut, California.....	47,917	54,969	63,090	22,311	10,508	10,909	8,245	4,604	5,993	7,956	7,376	12,366	256,404
Kingfish.....	33,369	26,545	16,337	24,122	34,539	24,622	4,415	7,332	6,804	13,193	8,746	17,758	202,993
Mackerel, Horse.....	32,128	308,510	32,759	617	46	13,635	207,798	356,558	138,408	594,404	95,750	23,906	1,893,519
Mackerel, Pacific.....	5,802,283	8,226,742	2,069,968	124,905	53,208	106,834	2,727,295	2,451,524	11,879,620	20,582,571	15,362,636	4,726,547	74,114,133
Perch.....	2,687	1,323	1,896	1,762	152	204	347	480	713	594	130	79	10,367
Pompano, California.....	1,499	1,082	577	559	49	331	72	16	28	161	287	48	4,709
Rock Bass.....	2,425	1,230	2,252	1,243	6,774	14,421	10,341	4,447	1,711	6,116	4,792	2,800	58,552
Rockfish.....	51,550	108,210	128,010	40,763	24,778	9,581	6,429	12,433	6,969	10,317	29,718	18,379	447,437
Sablefish.....	21,807	6,108	435	310	1,848	1,350	2,710	635	1,424	5,093	2,828	1,607	45,795
Salmon.....	836	811	559	482	585	69	488	969	353	379	665	753	7,229
Sand Dab.....	79,549,088	59,816,882	2,426,164	2,532	3,902	7,314	11,655	14,952	129,959	105,905,558	44,698,185	38,148,898	330,715,079
Sardine.....	3,770	2,076	2,009	1,427	8,565	16,051	14,147	9,051	1,605	3,786	3,175	412	63,074
Sculpin.....	673	12	568	2,429	5,565	1,350	904	618	187	446	1,001	557	11,066
Sea-bass, Black.....	1,047	2,057	14,640	5,414	16,068	22,527	140,685	293,846	26,095	10,882	1,747	581	455,180
Sea-bass, White.....	5,846	6,717	35,675	54,233	230,099	218,062	132,126	72,816	28,651	74,153	60,605	29,439	968,422
Shark.....	1,510	2,102	2,217	1,160	701	1,702	283	60	773	134	720	760	11,522
Skate.....	1,449	461	385	389	1,185	877	628	375	214	1,444	2,121	1,786	11,314
Sheepshead.....	27,076	16,819	24,070	8,893	7,879	18,073	7,937	9,747	13,509	20,762	19,662	21,196	195,623
Snelt.....	793	511	406	106	18,961	92,586	125,743	124,631	51,114	6,134	168	90	7,023
Swordfish, Broadbill.....													419,337
Tuna, Albacore.....					2,397,999	893,226	2,299,471	1,498,089	393,541	3,498,648	338	730	7,485,192
Tuna, Bluefin.....			1,198		16,642	5,213	763,204	3,498,648	1,008,413	4,089	18,307	4,341	5,366,214
Tuna, Bonito.....	18,714	6,185	1,826	20,632				1,517,160	599,396	15,580			2,132,136
Tuna, Skipjack.....													241
Tuna, Yellowfin.....													31
Whitefish, Ocean.....	1,842	1,139	403	535	111	146	71	92	109	138	982	1,756	7,324
Yellowtail.....		13	89	3,742	1,033	4,126	5,555	1,681	607	209	20		17,975
Miscellaneous Fish.....	1,472	598	612	676	2,206	1,271	19,447	55,043	5,944	5,355	1,920	1,952	95,796

	418	614	590	350	130	50	30	100	2,382
Crustacean:									
Grab, Rock									115,910
Lobster, Spiny	14,198	8,768	4,602					25,302	11,419
Mollusk:									
Octopus	57	1	3					46	11
Squid	14,165	24,018	29,690	31,038				12,743	188
Total pounds	85,769,969	68,707,836	5,173,555	652,882	3,438,313	2,116,554	10,420,586	61,422,256	431,739,339

Fishing Boat Landings from Waters North of the State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore									323,269				323,269
Total pounds									323,269				323,269

TABLE 29—Continued
Fishing Boat Landings from Waters South of the International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda	136,470	99,716	139,559	666	18,625	56,800	72	65,585	113,996	168,855	165,403	69,083	959,405
Cabrilla	4,475	460	---	---	---	---	44,804	122	---	---	49,310	30,087	204,683
Crevally	---	---	---	---	2,208	8,964	5,123	---	---	---	---	563	204,683
Grouper	2,715	225	---	---	---	---	---	---	20,249	---	65,687	22,205	107,127
Halibut, California	---	---	18	---	---	---	---	---	---	11,088	8,780	2,417	40,532
Mackerel, Spanish	30	---	---	---	---	---	---	---	---	156	618	1,881	2,615
Rock Bass	152	---	---	3	---	---	69	---	339	1,167	100	89	1,919
Sea-bass, Black	423	---	305	---	1,868	17,872	19,356	65,406	87,843	37,157	14,095	2,735	247,080
Sea-bass, White	---	120	76	---	---	---	---	1,983	11,041	11,517	9,743	9,758	44,238
Shark	---	---	---	---	---	---	---	---	187	120	---	---	307
Sheepshead	---	---	---	---	---	---	---	---	---	84	188	190	462
Tuna, Bluefin	---	---	---	---	108,330	164,930	28,132	158,672	3,300	---	---	---	463,454
Tuna, Bonito	12,322	27,963	---	45	366	9,462	1,143,338	291,906	579,650	24,161	123,783	4,434	2,217,440
Tuna, Skipjack	43,348	240,671	208,934	286,539	774,672	833,397	767,165	675,256	943,075	43,678	122,678	235,033	5,184,446
Tuna, Yellowfin	1,073,179	939,556	1,121,739	1,802,518	2,313,342	2,760,956	2,598,586	1,669,484	2,042,816	314,936	334,005	1,779,269	18,800,386
Whitefish, Ocean	---	---	---	---	---	---	---	---	---	10	29	1,262	1,301
Yellowtail	---	---	23,092	30,862	25,460	5,178	1,147,496	427,486	289,039	86,520	105,259	42,431	2,205,670
Miscellaneous Fish	2,485	19,862	85	---	---	---	80	---	---	103	284	1,063	1,615
Crustacean:	---	---	---	---	---	---	---	---	---	---	---	---	---
Lobster, Spiny*	8,368	5,362	1,459	---	---	---	---	---	---	1,129	1,291	2,841	20,450
Mollusk:	---	---	---	---	---	---	---	---	---	---	---	---	---
Clam, Pismo	---	---	---	---	---	---	---	---	---	---	---	10,837	10,837
Total pounds	1,288,957	1,333,935	1,405,267	2,180,633	3,244,871	3,857,631	5,754,149	3,355,900	4,091,025	705,681	1,051,243	2,154,678	30,514,570

Shipments to Canneries from North of the State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore	---	---	---	---	---	---	---	93,193	50,203	---	---	---	143,396
Total pounds	---	---	---	---	---	---	---	93,193	50,203	---	---	---	143,396

TABLE 29—Continued
Shipments to Canneries from South of the International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Bonito.....		80,903											80,903
Total pounds.....		80,903											80,903

Shipments to Canneries from Japan

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....			134,529			153,994	155,817						444,340
Tuna, Skipjack.....			121,596										121,596
Total pounds.....			256,125			153,994	155,817						565,936
Grand totals, Los Angeles Region.....	87,058,926	70,122,674	6,924,947	2,833,515	6,683,184	6,128,179	12,954,562	13,869,979	19,685,390	129,287,869	62,473,499	45,344,689	463,367,413

* The 20,450 pounds of Spiny Lobsters listed as "fishing boat landings" was actually shipped in from south of the international boundary by lobster tender.

DIVISION OF FISH AND GAME

TABLE 30
COMMERCIAL FISH LANDINGS IN THE SAN DIEGO REGION DURING 1941
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....	---	14,537	15,868	7,612	35,519	23,781	70,166	205,915	59,453	40,282	---	---	473,133
Cultus, Pacific.....	15	---	---	---	---	33	20	59	42	---	35	296	691
Halibut, California.....	4,525	22,120	17,748	7,668	590	186	7,750	18,925	9,053	7,921	7,219	2,892	106,097
Herring, Pacific.....	---	---	---	---	---	---	---	---	---	---	40	---	40
Kingfish.....	122	137	59	29	---	---	147	368	33	25	---	22	940
Mackerel, Horse.....	---	---	---	---	---	---	423	---	---	---	---	---	423
Mackerel, Pacific.....	68,621	12,501	13,833	4,964	1,929	3,614	771,617	122,268	79,702	573,979	12,337	4,064	1,663,929
Mullet.....	---	---	---	154	549	553	78	---	---	---	---	---	1,334
Perch.....	---	---	---	---	---	---	20	---	---	32	---	---	52
Rock Bass.....	2,063	2,635	2,623	593	1,384	7,333	7,911	8,326	1,007	2,432	838	71	37,821
Rockfish.....	31,236	14,478	8,493	2,557	6,249	12,538	857	1,857	6,628	3,227	3,150	1,622	92,922
Sardine.....	239,852	29,000	---	---	1,557	59,945	7,053	1,600	1,606	892,495	823,952	834,476	2,941,576
Sculpin.....	4,622	3,010	5,138	6,372	1,409	30	33	---	---	225	4,003	1,182	31,614
Sea-bass, Black.....	---	19	---	368	145	224	579	363	703	519	2,695	258	5,873
Sea-bass, Short-fin.....	---	---	---	355	248	1,152	544	6	---	---	---	---	2,305
Sea-bass, White.....	---	108	396	122	136	1,895	29,857	6,856	9,082	5,037	522	---	54,011
Shark.....	462	1,016	670	6,896	41,535	130,358	90,491	21,755	47,418	32,021	28,033	8,203	408,858
Sheepshead.....	74	165	677	146	62	37	162	51	8	641	1,583	342	3,948
Skate.....	---	---	---	---	---	---	---	---	---	---	130	---	130
Sole.....	222	171	105	125	468	238	2,981	2,375	411	503	---	---	6,976
Swordfish, Broadbill.....	---	---	---	---	---	9	91	36	20	12	12	11	814
Tuna, Albacore.....	---	---	---	---	---	10,039	3,223	9	---	2,033	---	---	15,304
Tuna, Bluefin.....	---	---	---	---	3,065	499,200	533,504	325,641	3,303	102,581	---	---	109,573
Tuna, Bonito.....	30,596	184,758	226	3,556	201	21,919	1,440,371	83,069	13,700	13,366	---	---	1,354,713
Tuna, Skipjack.....	---	---	---	---	---	---	---	26,077	1,204,195	841,581	40	2,115	1,798,967
Tuna, Yellowfin.....	---	---	---	---	---	---	---	---	---	1,498	---	---	2,082,237
Whetfish, Ocean.....	63	51	---	15	---	305	4,780	15	---	---	270	14	1,498
Yellowtail.....	125	---	58	361	528	20,325	269	32,323	10,344	3,686	---	---	733
Miscellaneous Fish.....	84	---	---	---	259	144	---	119	60	---	---	---	78,500
Crustacean:	---	---	---	---	---	---	---	---	---	---	---	---	935
Lobster, Spiny.....	2,423	1,769	548	---	---	---	---	---	---	49,327	22,685	12,051	88,893
Mollusk:	---	---	---	---	---	---	---	---	---	---	---	---	---
Squid.....	336	11,509	---	---	---	---	---	---	---	---	16,141	9,015	37,001
Total pounds.....	435,471	297,984	65,947	41,373	95,833	784,438	2,972,897	858,023	1,465,945	2,578,977	934,099	876,134	11,406,741

TABLE 30.—Continued
Fishing Boat Landings from Waters South of the International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....	3,125	11,310	20,427	24	2,291	220	230	2,955	43,322	81,997	53,840	51,433	271,174
Cabrilla.....	3,109	4,911	9,380	17,351	11,591				35	33,238	10,275	89,104	178,994
Grouper.....	8,102	26,706	27,821	12,454	19,869	6,192	155	2,208		37,736	12,150	17,258	170,651
Halibut, California.....	8,269	6,919			5,167	6,631			115	15,848	17,286	12	73,207
Mackerel, Spanish.....				235					530		136	370	1,271
Rock Bass.....	300	791	140	798	402		985		663	814	657	1,234	6,784
Rockfish.....	8,376	36,335	33,604	51,767	31,401	9,969	680	15,057	2,489	607	1,999	13,720	206,004
Sculpin.....					122	195							6,317
Sea-bass, Black.....	759	4,982	2,092	1,884	7,415	9,456	777	31,917	33,729	5,381	13,431	7,805	124,628
Sea-bass, White.....	167	1,592	607	53	935	236	140	5,992	1,562	6,695	6,809	6,816	31,604
Shark.....					164								164
Sheepshead.....	160	744		240		190	180		616	228	1,404	1,226	4,988
Smelt.....					168					40			40
Sole.....					108								168
Swordfish, Broadbill.....						1,279	1,324	785	809				4,305
Tuna, Bluefin.....							36,508	165,330	5,573				207,411
Tuna, Bonito.....	36,977	15,017	10,859	3,729	357	6,312	37,162	199,287	182,583	64,233	92,766	109,491	758,763
Tuna, Skipjack.....	471,367	1,168,570	1,388,027	527,536	494,219	1,073,111	2,326,202	1,939,719	1,591,627	2,400,905	1,107,065	1,698,301	16,189,649
Tuna, Yellowfin.....	4,267,331	3,103,977	2,975,555	5,085,789	4,696,714	4,324,526	5,330,244	6,007,952	3,874,274	7,584,134	4,282,264	6,407,875	57,899,635
Whitefish, Ocean.....	825	1,954	842		72	555			289	196	1,048	6,575	12,286
Yellowtail.....	198,535	100,434	141,735	136,136	51,663	210,480	1,249,554	2,857,381	1,769,478	404,750	272,884	166,076	7,529,096
Miscellaneous Fish.....				400	265		250	550			135		1,600
Crustacean:													
Lobster, Spiny*.....	236,174	274,867	97,069							15,832	127,502	175,877	927,321
Total pounds.....	5,213,576	4,750,109	4,707,316	5,789,238	5,322,913	5,649,352	8,993,331	11,229,778	7,520,009	10,652,564	6,006,651	8,753,173	84,597,060

TABLE 30—Continued
Fishing Boat Landings from Waters North of the State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore									1,250	625			1,875
Total pounds									1,250	625			1,875

Shipments to Canneries from North of the State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore								197,155	140,238	48,170			385,563
Total pounds								197,155	140,238	48,170			385,563
Grand totals, San Diego Region	5,649,047	5,057,003	4,773,263	5,831,111	5,418,746	6,433,810	11,966,273	12,284,956	9,126,542	13,280,336	6,940,750	9,629,307	96,391,239

* The 927,321 pounds of Spiny Lobster listed as "fishing boat landings" was actually shipped in from south of the international boundary by lobster tender.

TABLE 31

ORIGIN OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1942

Species	California	North of the State Boundary	South of the International Boundary	Total pounds
Anchovy	1,694,290			1,694,290
Barracuda	2,243,163		1,211,374	3,454,537
Cabezone	2,300			2,300
Cabrilla			225,426	225,426
Carp	72,618			72,618
Catfish	170,580			170,580
Cultus, Pacific	314,038			314,038
Eel	103			103
Flounder, Starry	370,125			370,125
Flying Fish	2,806			2,806
Grouper			128,594	128,594
Hake	41,981			41,981
Halibut, California	574,771		181,294	756,065
Halibut, Northern	233,462			233,462
Hardhead	92,822			92,822
Herring, Pacific	190,815			190,815
Kingfish	284,145		56	284,201
Mackerel, Horse	5,348,501			5,348,501
Mackerel, Pacific	52,532,532		21,131	52,553,663
Mackerel, Spanish			11,321	11,321
Mullet	50,017			50,017
Perch	57,503		85	57,588
Pike	173			173
Pompano, California	3,340			3,340
Rock Bass	90,586		32,226	122,812
Rockfish	1,268,720		154,570	1,423,290
Sablefish	1,972,270			1,972,270
Salmon	6,616,216			6,616,216
Sand Dab	353,533			353,533
Sardine	969,746,997		102	969,747,099
Sculpin	44,092		240	44,332
Sea-bass, Black	13,717		365,063	378,780
Sea-bass, White	356,526		197,200	553,726
Shad	2,571,633			2,571,633
Shark	3,409,556		58,734	3,468,290
Sheepshead	47,503		2,755	50,258
Skate	105,466		225	105,691
Smelt	443,058		717	443,775
Sole	3,155,757			3,155,757
Split-tail	15,391			15,391
Sucker	95			95
Swordfish, Broadbill	416,431		29,477	445,908
Tomcod	145			145
Tuna, Albacore	7,997,293	470,506	2,623,900	11,091,699
Tuna, Bluefin	10,331,506		2,513,058	12,844,564
Tuna, Bonito	861,841		788,848	1,650,689
Tuna, Skipjack	217,838		38,517,390	38,735,228
Tuna, Yellowfin	1,315		41,465,299	41,466,614
Turbot	6,571			6,571
Whitebait	159,258			159,258
Whitefish, Ocean	32,079		3,907	35,986
Yellowtail	55,017		2,671,252	2,726,269
Miscellaneous Fish	111,471		2,503	113,974
Crustacean:				
Crab	2,414,086			2,414,086
Crab, Rock	80			80
Lobster, Spiny	168,641		687,659	856,300
Shrimp	800,958			800,958
Mollusk:				
Abalone	164,462			164,462
Clam, Cockle	257			257
Clam, Gaper	760			760
Clam, Pismo	93,613		90,979	184,592
Clam, Soft-shell	73,144			73,144
Clam, Washington	9,848			9,848
Octopus	7,396			7,396
Oyster, Eastern	92,426			92,426
Oyster, Japanese	609,233			609,233
Oyster, Native	5,682			5,682
Squid	939,738		4,045	943,783
Total pounds	1,080,062,290	470,506	91,989,430	1,172,522,226

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries, and shipments to the fresh fish dealers. For detail see introduction to the tables, page 7.

DIVISION OF FISH AND GAME

TABLE 32—PART I
POUNDS AND VALUE OF COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1942

Species	Eureka Region		Sacramento Region		San Francisco Region		Monterey Region	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Anchorvy.....					5,400	\$147	149,076	\$1,511
Barracuda.....								
Cabezone.....					504	16	1,788	43
Cabrilla.....								
Carp.....			39,968	\$1,440				
Cal fish.....			170,580	32,430				
Cultus, Pacific.....		\$16,044			42,261	3,045	68,230	5,535
Fel.....	201,424							
Flounder, Starry.....		15,935			89,101	5,370	15,168	947
Flying Fish.....	265,750							
Grouper.....								
Hake.....	25	3			2,991	43	33,920	389
Halibut, California.....					6,140	811	12,226	2,008
Halibut, Northern.....	233,462	30,204						
Hardhead.....			92,822	7,369				
Herring, Pacific.....	22,042	451						
Kingfish.....					109,022	1,377	59,730	767
Mackerel, Horse.....					1,517	104	89,305	6,350
Mackerel, Pacific.....							323,836	13,162
Mackerel, Spanish.....					122,230	1,072	802,896	13,529
Mullet.....								
Perch.....	23,617	845			14,498	772	5,578	425
Pike.....			173	5				
Pompano, California.....							79	56
Rock Bass.....								
Rockfish.....	271,959	17,511			70,019	5,004	655,899	49,126
Sablefish.....	1,632,029	111,226			29,512	1,575	290,874	15,252
Salmon.....	2,255,862	300,495			1,642,017	199,626	164,931	27,070
Sand Dab.....	162,671	13,185	2,552,944	300,138			67,309	6,413
Sardine.....	179	22			165,897,261	1,832,100	332,491,022	3,558,961
Sculpin.....			44,790,700	493,011				
Sea-bass, Black.....					142	23	34	5
Sea-bass, White.....	5,714	914			14,440	1,881	115,138	16,615
Shad.....	38	2						
Shark.....	801,065	492,598	2,571,595	84,457				
Shorpshead.....					1,155,759	338,115	312,371	36,361
Skate.....								
Smelt.....	13,253	174			54,410	533	19,162	264
Sole.....	37,577	2,329			166,927	11,090	108,048	5,113
	2,077,586	150,913			589,773	44,195	378,673	27,350

COMMERCIAL FISH CATCH OF CALIFORNIA

[illegible]

TABLE 32—Continued
Pounds and Value of Commercial Fish Landings in California During 1942

Species	Santa Barbara Region		Los Angeles Region		San Diego Region		Total	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Anchovy.....	75	\$4	1,539,334	\$23,784	405	\$10	1,694,290	\$25,456
Barracuda.....	256,281	28,494	2,726,535	260,957	471,721	43,306	3,454,537	332,757
Cabezone.....	---	---	8	---	---	---	2,300	59
Cabrilla.....	---	---	117,783	14,987	107,643	9,153	225,426	24,140
Carp.....	---	---	32,650	409	---	---	72,618	1,849
Catfish.....	---	---	---	---	---	---	170,580	32,430
Cutlus, Pacific.....	464	34	1,157	97	482	36	314,088	24,792
Eel.....	103	8	46	6	---	---	370,125	22,261
Flounder, Starry.....	60	3	2,740	102	---	---	2,806	106
Flying Fish.....	66	4	61,347	8,565	67,247	5,500	128,594	14,065
Grouper.....	---	---	45	3	---	---	41,981	438
Hake.....	275,688	32,793	302,819	45,052	159,192	21,758	756,065	102,422
Halibut, California.....	---	---	---	---	---	---	233,462	30,204
Halibut, Northern.....	---	---	---	---	---	---	92,822	7,369
Hardhead.....	---	---	---	---	---	---	190,815	3,196
Herring, Pacific.....	21	1	190,929	9,280	2,350	105	284,201	15,859
Kingfish.....	---	---	4,967,835	87,272	56,780	1,172	5,348,501	101,606
Mackerel, Horse.....	---	---	48,732,903	894,997	1,807,359	29,632	52,553,663	954,643
Mackerel, Pacific.....	1,088,275	15,393	8,504	647	2,817	139	11,321	776
Mackerel, Spanish.....	---	---	15,174	1,460	34,843	4,109	50,017	5,569
Mullet.....	---	---	10,666	1,083	85	3	57,588	3,482
Perch.....	3,144	354	---	---	---	---	3,340	62
Pike.....	---	---	3,261	566	---	---	122,812	12,680
Pompano, California.....	---	---	32,432	3,065	51,400	5,304	1,423,280	104,172
Rock Bass.....	38,980	3,771	164,158	12,426	176,893	14,366	1,972,270	129,974
Rockfish.....	84,362	5,739	16,809	1,718	64	6	6,616,216	827,403
Sablefish.....	2,382	197	---	---	---	---	353,533	30,736
Salmon.....	462	74	10,998	1,273	---	---	999,747,099	10,369,736
Sand Dab.....	---	---	411,384,755	4,314,762	4,949,104	53,714	---	---
Sardine.....	10,234,078	87,166	---	---	---	---	378,780	4,625
Sculpin.....	221	13	42,290	4,410	1,821	202	44,332	46,808
Sea-bass, Black.....	5,120	436	230,796	31,420	142,688	14,924	553,726	78,995
Sea-bass, White.....	77,455	11,424	235,187	35,437	105,762	12,724	2,571,633	84,459
Shad.....	---	---	---	---	---	---	3,498,290	1,130,497
Shark.....	408,147	104,022	594,130	155,076	196,818	24,355	50,258	3,584
Sheepshead.....	35,178	2,444	8,988	620	6,092	480	105,691	7,469
Skate.....	11,242	217	7,429	226	195	35	443,775	27,768
Smelt.....	11,327	637	117,490	8,415	2,106	184	---	---
Sole.....	100,863	5,555	8,841	659	21	3	3,156,757	228,635

Split-tail									15,391	1,143
Sucker									95	8
Swordfish, Broadbill									445,908	94,217
Tomcod	246,011	51,592		137,158				62,739	15,000	12
Tuna, Albacore				5,065,061				934,741	5,144,159	11,091,699
Tuna, Bluefin	577,893	110,143		11,977,001				1,026,383	1,001,556	2,107,209
Tuna, Bonito	122,840	11,038		847,973				1,344,764	121,061	1,158,514
Tuna, Skipjack	33,727	2,174		8,990,265				688,989	48,471	114,765
Tuna, Yellowfin				12,299,436				29,744,963	2,577,139	3,394,608
Turbot	25	4		15				1,143,414	2,692,406	3,835,824
Whitebait	439	22						1	6,571	558
Whitefish, Ocean	26,751	2,135		6,249				2,892	159,258	14,374
Yellowtail	115	12		1,101,336				78,906	35,986	2,937
Miscellaneous Fish	28,618	2,660		29,263				1,624,818	2,726,269	192,631
Crustacean:								606	113,974	7,961
Crab										
Crab, Rock				80						282,775
Lobster, Spiny				122,243				28,743		3
Shrimp	71,441	10,343						662,616	104,951	150,037
Mollusk:									800,958	20,375
Abalone										
Clam, Cockle	160,787	12,593							164,462	12,853
Clam, Gaper									257	17
Clam, Pismo									760	19
Clam, Soft-shell	90,613	5,120		90,979				2,561	184,592	7,990
Clam, Washington									73,144	3,792
Octopus									9,848	542
Oyster, Eastern				15				1	7,396	555
Oyster, Japanese									92,426	8,475
Oyster, Naive	292,017	12,085							609,233	20,404
Squid									5,682	228
Total pounds and value	14,285,121	\$524,684		511,765,353				\$9,989,442	76,805,398	1,172,522,226
									\$6,917,196	\$26,210,046

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries and shipments to the fresh fish dealers. For detail see introduction to the tables, page 7.

DIVISION OF FISH AND GAME

TABLE 33
MONTHLY COMMERCIAL FISH LANDINGS IN CALIFORNIA DURING 1942

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchovy	37,360	13,445	7,769	25,553	83,147	134,568	29,162	68,376	439,912	238,663	383,691	232,644	1,694,290
Barbauda	152,999	216,493	261,918	434,182	439,303	647,317	347,876	305,888	165,114	260,276	146,589	76,082	3,494,537
Cabezone	71	9	23,837	727	169	76	53	12	12	126	104	403	2,300
Cabrilla	19,541	34,901	23,837	12,082	3,164	7,649	152	221	15,203	10,890	43,230	53,949	225,426
Carp	20,637	16,187	9,076	3,642	4,144	17,723	388	221	140	388	135	138	72,618
Catfish	10,477	6,418	24,644	27,848	238	17,723	388	221	140	388	135	138	72,618
Cutlass, Pacific	12,887	3,499	8,854	10,633	15,306	24,571	33,525	40,622	30,381	24,692	31,482	28,437	170,580
Eel	1,675	20,748	21,331	6,466	28,463	41,901	65,502	49,852	26,789	25,219	59,224	22,955	314,038
Flounder, Starry	37,739	25,338	26,665	1,255	270	1,215	66	66	778	7,465	12,312	15,285	370,125
Grouper	1,200	45,757	147,231	56,435	15,920	11,720	2,595	24,245	18,817	73,482	77,507	75,883	2,806
Hake	1,200	45,757	147,231	56,435	15,920	11,720	2,595	24,245	18,817	73,482	77,507	75,883	128,594
Hallbut, California	1,200	45,757	147,231	56,435	15,920	11,720	2,595	24,245	18,817	73,482	77,507	75,883	41,981
Hallbut, Northern	1,200	45,757	147,231	56,435	15,920	11,720	2,595	24,245	18,817	73,482	77,507	75,883	756,065
Hardhead	104	8,337	1,521	9,715	38,165	37,380	745	6,538	3,910	1,995	3,426	1,425	233,462
Herring, Pacific	81,401	8,337	1,521	9,715	38,165	37,380	745	6,538	3,910	1,995	3,426	1,425	92,822
Kingfish	17,651	25,623	37,898	43,276	20,020	29,935	9,429	7,127	12,719	24,267	40,000	39,655	190,815
Mackerel, Horse	76,086	52,183	101,716	11,892	13,696	20,387	13,160	71,717	509,950	1,459,288	1,023,254	1,927,232	284,201
Mackerel, Pacific	5,024,374	1,424,261	2,765,687	182,330	149,776	1,344,471	313,234	150,631	3,052,310	12,222,518	17,383,443	7,940,598	5,348,501
Mackerel, Spanish	709	946	1,559	5,522	305	80	327	150,631	3,052,310	12,222,518	17,383,443	7,940,598	52,553,663
Mullet	1,067	3,161	22,995	19,428	3,851	3,217	8,513	2,475	18,954	11,566	344	933	11,321
Pike	2,525	22	8	34	7	507	720	1,085	1,087	418	2,027	2,932	50,017
Pompano	309	985	711	348	389	407	65	12	6	10	6	69	57,588
Rock Bass	3,393	8,207	8,746	7,283	11,205	13,124	19,213	7,801	5,633	8,851	88	29	3,340
Rockfish	100,953	132,207	251,758	110,567	145,962	71,278	73,323	51,072	71,054	90,529	14,913	14,443	122,812
Sablefish	2,870	6,050	37,882	74,240	324,849	188,631	273,954	302,096	261,769	123,446	133,333	160,254	1,423,290
Salmon	10,446	25,584	55,200	174,097	472,435	605,266	1,493,104	1,993,421	1,791,515	123,446	231,016	134,567	1,972,270
Sand Dab	22,851	24,853	28,013	16,936	27,312	35,800	57,515	35,812	38,499	25,199	26,775	25,148	6,616,216
Sardine	74,701,217	49,415,163	15,644,369	886,416	496,850	1,830,329	245,467	125,974,271	153,661,558	170,313,791	195,035,695	173,035,793	353,533
Sculpin	1,430	2,471	2,344	1,912	3,031	4,662	11,121	8,701	1,467	701	775	717	969,747,993
Sea-bass, Black	2,421	16,754	8,132	31,287	12,660	14,701	28,950	130,218	67,705	36,397	13,340	16,245	44,332
Sea-bass, White	25,484	49,166	12,982	8,336	11,126	65,798	106,267	184,789	60,617	37,600	20,959	8,176	378,780
Shad	11,592	25,484	49,166	719,306	1,800,993	2,370	235,973	186,387	187,574	38	38	18,176	558,726
Shark	323,663	197,682	108,585	122,631	202,097	355,017	186,387	187,574	187,574	182,674	563,639	828,778	2,571,633
Sheepshead	323,663	197,682	108,585	122,631	202,097	355,017	186,387	187,574	187,574	182,674	563,639	828,778	3,468,290
Skate	20,867	14,399	17,555	3,299	743	549	412	561	904	9,714	14,534	15,482	50,258
Snelt	42,040	27,224	45,959	6,973	6,648	6,309	5,249	2,339	4,085	4,334	10,888	6,205	106,691
Sole	100,099	93,514	156,196	20,049	17,028	29,107	23,255	51,822	50,389	44,951	37,235	54,316	443,775
Split-tail	341	3,492	2,122	650	100	4,400	329,099	320,940	438,050	303,301	271,003	259,608	3,155,757
							67		1,860	655	99	1,605	15,391

	51	33	1,734	27,582	88,791	173,962	103,705	28,625	20,492	828	95
Stucker	189	---	---	---	---	---	---	---	---	---	445,908
Swordfish, Broadbill	---	---	---	---	---	---	---	---	---	---	145
Toncod	12,200	2,137	---	---	---	---	---	---	---	---	11,091,899
Tuna, Albacore	---	---	---	---	---	---	---	---	---	---	12,844,364
Tuna, Bluefin	---	---	---	---	---	---	---	---	---	---	1,650,989
Tuna, Bonito	128,265	5,185	2,975,595	4,485,395	2,066,179	4,335,221	2,045,076	184,640	381,000	2,063,036	3,043
Tuna, Skipjack	325,608	64,708	86,400	215,675	2,952,805	1,828,027	500,353	45	116	3,043	283,122
Tuna, Yellowfin	2,799,929	272,480	710,274	860,165	4,699,997	6,723,601	7,953,074	9,484,845	5,181,053	2,171,476	38,735,228
Turbot	4	1,726,665	4,385,904	3,433,407	9,589,787	6,640,458	4,388,040	2,566,479	2,022,877	2,366,611	41,466,614
Whitebait	20,245	31,291	843	1,030	1,597	580	428	365	1,627	97	6,571
Whitefish, Ocean	3,152	769	27,534	23,915	13,276	9,466	370	557	418	115	159,258
Yellowtail	64,631	105,233	356	410	353	---	801	2,999	12,908	10,805	35,986
Miscellaneous Fish	11,091	8,363	223,136	499,619	739,136	126,117	179,575	172,773	205,566	143,827	2,726,269
Crustacean:	---	---	---	---	---	---	---	---	---	---	113,974
Crab	120,016	208,686	464,103	279,845	103,462	74,466	---	---	234,354	250,144	2,414,086
Crab, Rock	50	30	---	---	---	---	---	---	---	---	80
Lobster, Spiny	186,953	180,700	---	---	---	---	---	---	63,784	222,830	856,300
Shrimp	58,966	51,635	59,534	75,915	123,656	88,466	66,471	54,872	57,041	33,948	800,958
Mollusk:	---	---	---	---	---	---	---	---	---	---	---
Abalone	---	---	---	---	---	---	---	---	---	---	---
Clam, Cockle	20	18,000	31,700	27,775	25,775	6,700	7,350	262	22,300	13,500	164,462
Clam, Gaper	100	45	34	16	---	26	55	---	---	---	257
Clam, Pismo	33,774	22,829	120	60	160	---	---	---	---	---	760
Clam, Soft-shell	4,759	5,233	9,517	8,995	24,581	9,637	5,866	3,945	4,114	3,235	184,592
Clam, Washington	1,872	2,373	6,303	6,077	6,578	5,908	6,160	7,644	7,078	6,294	73,144
Octopus	301	258	1,300	1,486	---	---	---	730	351	---	9,848
Oyster, Eastern	9,070	8,662	5,864	3,496	936	362	275	46	67	129	7,396
Oyster, Japanese	84,303	51,704	43,674	20,577	3,434	1,398	7,448	12,103	10,144	13,361	92,426
Oyster, Native	360	67,182	737	147	368	23,596	55,990	34,633	74,571	61,321	609,233
Squid	10,284	16,630	34,559	187,433	21,968	460	7,810	2,915	2,915	1,155	5,682
Total pounds	85,349,355	53,024,425	13,923,457	15,848,237	24,440,613	150,319,939	176,576,449	207,288,237	224,392,575	192,938,457	1,172,522,226

This table includes actual landings at California ports by the commercial fishing fleet as well as shipments from other states and foreign countries by truck, rail and ocean liner to California canneries, and shipments to the fresh fish dealers. For detail see introduction to the tables, page 7.

TABLE 34
COMMERCIAL FISH LANDINGS IN THE EUREKA REGION DURING 1942
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Cultus, Pacific.....	7,411	1,228	5,733	5,543	7,089	12,751	28,037	32,995	24,993	22,067	27,055	28,537	201,424
Flounder, Slarry.....	443	132	1,452	1,120	21,362	33,709	52,608	49,212	24,459	18,594	49,845	12,804	265,750
Hake.....	---	---	---	---	---	---	45	25	---	---	---	---	25
Habitut, Northern.....	7,335	86	---	2,160	50,090	130,140	8,961	6,538	3,910	1,572	61	---	233,462
Herring, Pacific.....	1,511	1,618	15,494	1,720	---	---	---	22	183	---	---	14,355	22,042
Perch.....	7,293	2,345	7,151	12,054	21,620	16,562	36,005	26,935	36,041	33,119	1,202	1,867	23,617
Rockfish.....	---	2,545	34,820	71,975	327,221	187,424	269,677	301,132	248,655	52,185	43,465	28,969	271,959
Sablefish.....	---	---	---	439	71,570	191,472	712,269	859,804	420,248	---	126,353	---	1,632,629
Salmon.....	---	82	4,204	1,749	13,336	18,184	4,673	35,250	26,698	---	---	---	2,255,862
Sand Dab.....	---	170	---	---	---	---	---	---	---	6,537	6,578	880	102,671
Sardine.....	812	859	---	---	---	---	---	---	---	---	---	---	179
Sea-bass, White.....	---	---	---	---	---	---	---	---	---	---	1,541	2,453	5,714
Shad.....	43,323	7,272	956	5,304	4,519	3,687	31,540	25,327	22,281	38	366,412	217,802	801,065
Shark.....	522	753	---	---	---	1,309	1,430	2,065	2,005	1,405	3,385	632	13,253
Skate.....	95	---	7,245	5,225	2,702	4,564	4,950	8,769	2,694	550	3,280	---	37,877
Sole.....	199	2,781	53,486	46,436	175,257	288,108	258,417	312,277	383,484	232,532	193,005	131,104	2,077,586
Tomcod.....	---	---	---	---	---	---	145	---	---	---	---	---	145
Tuna, Albacore.....	---	---	---	---	---	---	7,919	1,999	2,298	---	---	---	11,616
Turbot.....	---	---	---	---	456	308	906	331	---	130	674	---	3,095
Whitebait.....	2,807	17,923	27,941	28,564	25,805	23,780	13,276	9,466	370	557	418	115	151,022
Whitefish, Ocean.....	---	---	---	---	---	---	---	---	19	61	---	14	94
Miscellaneous Fish.....	---	186	434	1,955	508	1,080	1,277	1,202	9,840	2,866	2,474	3,047	24,869
Crustacean:	---	---	---	---	---	---	---	---	---	---	---	---	---
Crab.....	23,956	45,700	78,550	195,548	200,589	89,179	43,504	11,240	---	---	---	6,220	694,436
Mollusk:	---	---	---	---	---	---	---	---	---	---	---	---	---
Clam, Washington.....	---	---	---	---	---	---	---	---	---	780	351	---	9,848
Octopus.....	1,872	2,340	2,373	2,132	---	---	---	307	204	38	27	44	2,226
Oyster, Native.....	---	5	217	297	389	517	181	---	---	---	2,915	1,155	4,070
Grand totals, Eureka Region.....	102,679	86,035	240,106	383,147	952,693	1,003,074	1,517,890	1,984,471	1,208,387	440,661	826,871	460,640	8,906,624

TABLE 35
COMMERCIAL FISH LANDINGS IN THE SACRAMENTO REGION DURING 1942
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Carp.....	37	4,137	4,351	9,076	3,642	17,723	-----	221	140	368	135	138	39,968
Catfish.....	10,477	6,418	24,644	27,848	238	-----	-----	-----	16,344	24,692	31,432	28,437	170,580
Hardhead.....	-----	104	12	9,715	38,165	37,980	-----	-----	-----	1,995	3,426	1,425	92,822
Pike.....	5	22	8	34	7	-----	-----	12	-----	10	6	69	173
Salmon.....	10,446	25,584	55,200	152,488	289,670	188,108	-----	435,033	1,371,267	-----	-----	25,148	2,552,944
Sardine.....	-----	-----	-----	-----	-----	-----	-----	6,670,000	11,663,300	10,119,050	10,863,050	5,475,300	44,790,700
Shad.....	-----	-----	49,166	719,366	1,800,693	2,370	-----	-----	-----	655	99	-----	2,571,565
Split-tail.....	341	3,492	2,122	650	100	4,400	-----	67	1,860	-----	-----	1,605	15,391
Sucker.....	-----	51	-----	38	-----	-----	-----	-----	6	-----	-----	-----	96
Miscellaneous Fish.....	-----	164	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	164
Grand totals, Sacramento Region	21,306	39,972	135,503	919,215	2,132,515	250,551	-----	7,105,333	13,052,917	10,146,770	10,898,198	5,532,122	50,234,432

TABLE 37
COMMERCIAL FISH LANDINGS IN THE MONTEREY REGION DURING 1942
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchovy.....			6,910	1,475	16,915	13,645	3,145	50,300	2,700	380	22,711	30,895	149,076
Cabazon.....	63	9	535	4,147	129	76	63	12	152	56	194	367	1,788
Cutts, Pacific.....	1,181	287	2,191	4,147	6,057	8,388	3,320	2,905	2,830	6,816	16,151	13,957	68,230
Flounder, Slarry.....	75		1,324	1,404	1,993	3,099	2,711	476	2,135	88	744	1,124	15,168
Hake.....			1,350	7,275	15,900	11,550	2,425		420				38,920
Halibut, California.....	591	356	726	1,329	1,957	478	2,947	1,617	784	122	325	994	12,926
Herring, Pacific.....			645		4,960	13,930	45				40,000	150	50,730
Kingsfish.....	3,169	3,278	2,836	4,609	2,377	8,567	12,965	6,490	10,658	10,805	9,743	22,344	97,435
Mackerel, Horse.....	46,449	34,465	6,786	7,592	7,592	10,943	12,965	71,679	65,682	29,540	5,608	20,620	328,886
Mackerel, Pacific.....	62,730	27,004	363	9,430	425	9,794	34,889	48,854	430,928	34,910	54,572	95,958	802,596
Perch.....	14	114	714	3,773			3		6	5	406	549	5,578
Pompano, California.....			54	9							10		79
Rockfish.....	41,968	66,040	150,286	46,877	66,982	26,588	16,305	8,697	11,334	37,493	78,438	95,894	655,899
Sablefish.....	129	35	767	2,182	3,573	311	9	146	1,031	63,102	100,345	119,244	290,874
Salmon.....	1,138	4,015	13,034	21,110	39,995	51,530	52,296		2,731	3,888	4,222	1,389	67,309
Sand Dab.....	33,067,100	7,826,243	165,075	835,320	478,862	1,334,740	233,417	61,404,711	97,619,265	22,799,939	52,145,417	54,580,983	332,491,922
Sardine.....			34										34
Sea-bass, Black.....	1,321	397	167	616	753	4,940	47,441	56,600	1,836	19	662	386	115,138
Sea-bass, White.....	43,501	21,346	6,894	2,612	242	8,709	12,703	20,476	5,778	895	24,361	164,854	312,371
Shark.....	3,129	8	2,401	2,873	2,767	3,385	1,694	263	1,010	333	897	402	19,162
Skate.....		473	932	211	871	1,242	3,467	13,649	27,300	19,307	14,649	25,628	108,048
Smelt.....	319									134	2,597	530	378,973
Sole.....	5,051	184	38,469	69,879	97,433	97,236	40,375	4,406	22,379				234,684
Tuna, Albacore.....							187	69,358	208,874	6,265			21
Turbot.....	450	305	966	2,250	3,951	3,675	1,284		660		37	108	13,986
Miscellaneous Fish.....													
Crustacean:													
Crab.....	10,084	8,676	13,854	11,846	5,362	5,064	4,510	1,370			7,928	11,962	80,656
Mollusk:													
Abalone.....				250	1,350	1,050	1,025						3,675
Clam, Pismo.....	417	775	818	123					31	364	212	260	3,000
Octopus.....	126	169	943	536	764	969	549	20			39	17	4,140
Squid.....		2,375	110,596	152,406	34,589	187,433	21,968		7,810		180,405	178,150	875,732
Grand totals, Monterey Region.....	33,289,011	7,996,554	538,670	1,196,523	806,352	1,822,519	505,480	61,762,591	98,426,334	23,014,464	52,710,694	55,366,745	337,435,937

TABLE 38
COMMERCIAL FISH LANDINGS IN THE SANTA BARBARA REGION DURING 1942
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchovy	42,655	12,170	15,224	16,040	13,840	3,527	77	2,558	28,467	40,002	51,762	22,159	75
Barracuda	64	10	24		20	17	49	9		159	126	6	256,281
Cutlass, Pacific				81	7					15			103
Eel													60
Flounder, Starry		20						40					66
Flying Fish													275,988
Hallibut, California	8,540	13,859	29,969	23,989	28,867	36,558	15,361	7,004	2,856	28,723	30,031	44,351	21
Herring, Pacific													1,088,275
Mackerel, Pacific	964,575	1,466	83,653	100		1,380	620	1,571	13,151	14,753	3,182	3,894	3,144
Perch	1,89	1,85	20	40	114		487	1,026	690	286	207		38,980
Rock Bass	1,584	5,134	5,039	3,775	2,103	1,439	654	759	1,158	1,372	9,412		84,362
Rockfish	9,373	6,634	21,487	4,950	11,914	5,494	1,755	2,351	4,743	1,889	5,027	8,743	2,382
Sablefish	903	652	749				18				18		462
Salmon					24		438						10,234,078
Sardine	3,738,590	4,980,590	1,509,560			105		56				5,417	221
Sculpin	40		76						95	10			5,120
Sea-bass, Black		1,414	470	285	897	323	32	56		18	297	180	77,485
Sea-bass, White	3,644	10,177	10,774	3,175	2,329	5,540	13,138	9,600	3,538	9,301	5,253	1,036	408,147
Shark	23,998	22,748	40,889	21,945	48,978	133,543	59,195	16,951	17,199	8,246	3,993	15,212	35,178
Sheepshead	181	744	628	1,317	133	18			505		10,937	2,460	11,242
Skate	2,075	1,138	2,001	242	230					129	2,636	2,850	11,327
Smelt	92	201	2,518	1,514	1,830	1,839	753	531	854	472	438	255	100,863
Sole	1,833	2,591	5,994	11,750	13,029	5,647	3,132	4,009	1,789	16,394	13,376	21,319	240,011
Swordfish, Broadbill						9,059	41,249	118,093	60,977	16,633			122,640
Tuna, Albacore							92,936	252,384	217,258	15,315			37,893
Tuna, Bluefin							20	122,581	23		10		33,727
Tuna, Bonito						100	43	5,170	1,509	609	3,045	17,886	25
Tuna, Yellowfin	4,343	862	109	19						25	419		439
Turbot										20	12,674	10,469	26,751
Whitefish, Ocean	57		98	586		3			587				115
Yellowtail			99			16							28,618
Miscellaneous Fish	1,033	974	2,004	1,720	3,005	3,438	2,784	436	1,025	2,773	4,271	5,155	
Crustacean:													
Lobster	7,086	4,356	3,060							21,582	16,380	18,977	71,441
Mollusk:													
Abalone													160,787
Clam, Pismo	7,800	8,205	10,909	10,850	30,350	26,725	24,750	6,700	7,350	262	22,300	13,500	90,613
Oyster, Japanese	26,243	27,010	41,500	33,952	21,672	13,593	11,228	10,301	5,835	3,581	3,902	39,089	292,017
Grand totals, Santa Barbara Region	4,845,685	5,106,090	1,804,915	145,149	188,859	257,309	281,613	572,329	393,646	195,011	239,381	255,234	14,255,121

COMMERCIAL FISH CATCH OF CALIFORNIA

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Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchorovy	37,360	13,445	859	23,900	66,232	120,923	20,617	18,076	437,062	232,131	360,980	201,749	1,539,334
Barracuda	726	20,143	67,548	216,835	390,693	565,157	262,513	159,424	14,579	10,711	10,934	6,693	1,725,956
Cabezone	8												
Carp	20,600	12,050	66		26		10	22			490	229	32,650
Cutlus, Pacific			53	261									1,157
Flounder, Starry			3	9				24					46
Flying Fish													2,740
Hake				1,255	270	1,215							45
Hallibut, California				5	20								216,358
Kingfish	34,266	52,539	53,881	17,340	16,120	12,333	3,994	1,241	3,556	4,186	10,082	6,820	190,929
Kingfish	13,447	21,758	34,985	37,667	17,643	21,268	4,955	581	1,049	13,342	9,066	15,068	4,967,835
Mackerel, Horse	29,607	17,718	34,330	305	13	6,227	195	38	504,268	1,429,748	1,019,646	1,865,140	48,732,963
Mackerel, Pacific	4,470,507	1,395,020	2,680,424	81,262	136,906	183,059	67,737	44,054	2,607,367	12,165,943	17,074,096	7,826,328	15,174
Mullet					440		800		7,388	6,546			10,666
Perch	462	999	2,470	4,393	664	507	200	37	79	127	212	516	3,261
Pompano, California	309	985	657	339	389	407	65				78	29	29,235
Rock Bass	1,079	1,406	2,420	790	2,939	6,488	7,280	1,123	1,246	1,475	1,559	1,430	164,158
Rockfish	24,249	32,273	20,167	21,735	14,757	2,325	3,679		738	3,339	12,826	19,070	16,809
Sablefish	1,628	2,027	169	22	4,040	890	866			223	2,705	4,239	1,998
Sand Dab	1,434	3,500	3,253	2,371	63	14					169	189	411,384,755
Sardine	37,543,784	36,549,776	13,837,680	51,096	17,740	25	15	4,060	99,886	118,241,935	107,517,468	97,527,290	42,283
Sculpin	1,044	1,821	2,225	1,902	2,941	9,662	10,933	8,694	1,372	358	667	664	3,746
Sea-bass, Black	504	455		1	684	591	392	123	411	77		6	129,297
Sea-bass, White	977	627	1,085	3,263	7,636	15,323	40,064	54,918	4,184	447	749	24	545,609
Shark	19,740	16,108	24,918	65,532	93,792	153,568	92,431	34,433	24,576	7,043	8,011	5,457	8,422
Sheepshead	605	249	719	1,640	601	531	333	38	248	65	2,054	1,339	7,204
Skate	1,796	1,489	1,627	188	779	232	145	11		184	270	483	117,499
Smelt	28,684	13,464	12,889	3,800	1,422	4,882	1,223	35	3,934	11,027	14,621	21,509	8,841
Sole	156	467	1,366	624	499	888	216	32	786	651	3,119	37	137,158
Swordfish, Broadbill	189				1,734	17,241	40,918	38,769	18,056	2,065	17,721	465	9,941,674
Tuna, Albacore							1,658,763	2,204,903	1,077,734	68	147	59	9,460,511
Tuna, Bluefin					2,528,188	3,480,718	1,972,071	1,257,845	221,689	7,124	4,170	19,859	572,706
Tuna, Bonito	55,568	43,405	29,048	13,035	2,310	74,966	30,835	173,042	117,344			189	201,855
Tuna, Skipjack									201,586				693
Tuna, Yellowfin							34	12	647				15
Turbot	4				2							9	4,859
Whetfish, Ocean	2,434	415	416	643	196	154		45			234	322	13,804
Yellowtail				115	1,314	8,355	2,590	521	327	434	148		27,137
Miscellaneous Fish	4,367	2,337	8,838	2,538	3,108	2,166	1,462	342	295	393	680	611	80
Crustacean:													54,592
Crab, Rock	50	30											10,100
Lobster, Spiny	5,863	4,371	2,587										15,356
Mollusk:													1
Octopus	12		2					460					15,525
Squid		14,255											30,340
Total pounds	42,201,459	38,223,198	16,888,220	553,367	3,314,176	4,690,235	4,225,336	4,004,867	5,350,462	132,161,060	126,083,330	107,551,948	485,353,253

TABLE 39—Continued
Fishing Boat Landings from Waters South of the International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....	84,746	161,394	164,698	107,537	15,730	126	107	103,084	80,892	163,308	74,738	44,309	1,000,579
Cabrilla.....	4,772	8,347	14,627	5,037	3,322	5,381				10,890	16,655	48,552	117,783
Grouper.....	22,143	3,409	4,500			900		20	43	7,465	8,078	14,852	61,347
Halibut, California.....			12,253							24,125	26,607	23,403	86,451
Mackerel, Spanish.....	355	471	1,556	4,682	170					760	90	417	8,504
Rock Bass.....			510	1,136	1,191		100			260			3,197
Sculpin.....								7					7
Sea-bass, Black.....	265	6,792	5,132	825	4,008	3,412	21,020	101,493	48,022	28,207	2,636	4,508	227,050
Sea-bass, White.....	21	20	108	194	192			48,072	36,129	12,406	8,687	61	105,890
Shark.....					36			24,044	6,428	18,013			48,531
Sheepshead.....			156	127						210	73		566
Steele.....										225			225
Tuna, Albacore.....								115		13,106	16,974	10,626	81,029
Tuna, Bluefin.....					251,343	107,570	754,917	433,634	368,626				121,250
Tuna, Bonito.....	11,272	21,239	660	165			3,364	13,708	5,108	33,619	151,197	134,985	1,916,480
Tuna, Skipjack.....	51,443	55,085	21,163	11,841	271,991	62,445	1,773,367	1,566,583	2,069,770	1,716,254	800,387	298,151	3,755,267
Tuna, Yellowfin.....	392,178	109,570	134,458	19,704	2,320,692	1,096,753	3,318,998	1,806,236	1,464,842	400,006	795,198	440,708	8,788,410
Whitefish, Ocean.....	661		511	218									12,298,743
Yellowtail.....	24,057	3,045	81,600	12,392	14,167	112,352	549,323	75,648	133,353	32,186	21,376	27,133	1,380
Miscellaneous Fish.....		935	55	297	320	155	72		100	129		63	1,087,552
Crustacean: Lobster, Spiny*.....	3,432	3,406	2,586								4,829	53,398	67,651
Mollusk: Clam, Pismo.....	25,497	13,849	22,477	15,803			13,383						90,979
Total pounds.....	621,762	587,862	467,013	179,994	2,883,326	1,389,494	6,434,221	4,172,644	4,226,419	2,465,037	2,010,577	1,171,609	26,409,958

Shipments from North of the State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....			2,137										2,137
Total pounds.....			2,137										2,137
Grand totals, Los Angeles Region.....	42,923,221	38,611,060	17,357,370	733,361	6,197,502	6,070,729	10,659,557	8,177,511	9,576,881	134,626,697	128,098,907	108,723,587	511,705,353

* The 67,651 pounds of Spiny Lobster listed as "fishing boat landings" was actually shipped in from south of the international boundary by lobster tender.

TABLE 40
COMMERCIAL FISH LANDINGS IN THE SAN DIEGO REGION DURING 1942
Fishing Boat Landings from California Waters

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Anchovy	45	11,727	10,758	178	8,457	72,099	64,905	34,479	150	77	1,246	30	405
Barracuda	176	71	46	48,565	142	142	20	20	1,148	7,467	1,246	30	260,926
Culter, Pacific	2,062	7,586	26,833	9,307	14,483	3,311	63	410	50	228	228	16	482
Halibut, California	422	499	77	9,307	14,483	3,311	63	410	633	45	573	16	64,349
Kingfish							45						2,294
Mackerel, Horse						9,217							56,780
Mackerel, Pacific	5,886	771	1,247	98,538	12,445	1,129,482	209,988	56,152	366	7,212	250,753	41,472	1,786,228
Mullet	1,067				3,441	7,713	7,713	2,475	11,566	5,020	344	13,588	34,843
Rock Bass	567	971	245	109	220	3,012	4,935	1,526	626	4,593	3,639	1,928	22,371
Rockfish	1,190	4,560	6,559	42	392	138	3	326	104	6,412	2,332	265	22,323
Sablefish		30	34										64
Sardine	351,833	58,465	138,114		248	1,459	1,561	744		665,265	1,647,060	2,084,253	4,949,002
Sculpin	346	650	43	10	45					333	108	53	1,588
Sea-bass, Black	774		393	81	350	377	291	1,479			120	200	4,675
Sea-bass, White	3,202	1,636	582	808	200	1,381	778	42	489	3,124	2,105	105	14,452
Shark	12,728	7,980	13,930	15,230	49,503	45,804	26,406	2,138	613	117	7,725	4,431	180,605
Sheepshead	144	406	66		9		24	20	22	613	925	1,674	3,903
Skate				60	122	13							195
Smelt					105			119			36	1,129	1,389
Sole		21											21
Swordfish, Broadbill						918	1,409	6,563	19,137	4,492	743		33,262
Tuna, Albacore							303,485	1,442,771	382,198	36,612	2,097	5,977	2,173,140
Tuna, Bluefin							88,719	1,341	15				748,196
Tuna, Bonito				20	14,045	664,076	30,008	136,711	58	2,458	39	3,385	255,408
Tuna, Skipjack	42,550	461	1,008		4,344	34,366		272	12,260	2,606	541	304	15,983
Tuna, Yellowfin									185	412			597
Whitefish, Ocean				43									375
Yellowtail	65	10	33	151	786	101	13,682	2,348	30	17,331	1,062		41,098
Miscellaneous Fish		8	36	14	105	51	15						229
Crustacean:													
Lobster, Spiny	4,744	1,905	1,111							19,081	8,657	7,110	42,608
Mollusk:													
Squid	10,284										21,323	2,159	33,766
Total pounds	437,885	98,367	201,126	173,156	115,391	1,974,764	734,050	1,689,916	429,650	783,490	1,951,656	2,168,106	10,757,557

TABLE 40—Continued
Fishing Boat Landings from Waters South of the International Boundary*

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Barracuda.....	24,827	11,059	3,789	44,205	11,083	6,408	20,274	6,043	40,028	32,188	7,909	2,891	210,795
Cabrilla.....	14,799	2,554	9,210	7,045	622	2,208	-----	-----	15,203	-----	26,375	5,397	107,643
Grouper.....	15,506	21,929	22,165	1,273	1,617	-----	-----	-----	-----	-----	4,384	433	67,247
Halibut, California.....	-----	4,747	22,097	3,227	-----	7,364	12,052	13,878	11,948	15,748	-----	-----	94,843
Kingfish.....	195	-----	-----	-----	-----	-----	-----	56	-----	-----	-----	-----	56
Mackerel, Pacific.....	444	475	-----	840	135	20,786	327	-----	-----	-----	150	-----	21,131
Mackerel, Spanish.....	-----	83	-----	-----	-----	80	-----	-----	-----	-----	-----	516	2,817
Rock Bass.....	166	698	522	1,473	4,732	2,195	6,244	4,393	2,603	1,151	3,161	1,673	29,029
Rockfish.....	12,332	15,095	26,355	22,273	20,536	13,174	9,771	7,502	9,710	6,773	9,673	480	154,570
Sardine.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	102	-----	-----	102
Sudpin.....	-----	-----	2,052	29,594	45	9,998	188	27,067	18,982	8,065	10,287	11,119	233
Sea-bass, Black.....	95	7,483	222	191	16	38,614	6,615	15,557	12,073	10,818	187	1,051	138,013
Sea-bass, White.....	15	8,612	77	-----	1,689	6,268	180	1,291	400	209	66	-----	91,310
Shark.....	-----	18	-----	215	-----	-----	55	503	129	580	545	-----	10,213
Sheepshead.....	-----	-----	192	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,189
Smelt.....	38	-----	-----	-----	-----	364	5,215	10,537	5,535	650	2,028	363	717
Swordfish, Broadbill.....	-----	-----	-----	-----	-----	-----	2,863	20,896	54,411	5,435	368,730	1,953,911	2,592,650
Tuna, Albacore.....	-----	-----	-----	5,185	186,019	222,631	157,078	12,467	-----	101,839	100	3,043	506,568
Tuna, Bluefin.....	14,532	10,130	1,645	2,793	79,755	106,243	6,057	1,596	1,117	38,132	44,504	107,057	413,581
Tuna, Bonito.....	275,163	9,623	359,210	136,139	444,283	797,720	2,026,730	5,156,737	5,674,458	7,765,985	4,200,054	1,872,832	39,708,934
Tuna, Skipjack.....	2,407,751	162,610	1,293,034	1,251,273	2,062,212	2,336,654	6,271,655	4,840,210	2,922,366	2,166,036	1,227,679	1,925,903	28,867,383
Whitefish, Ocean.....	338	354	338	569	160	152	353	-----	150	441	-----	-----	2,517
Yellowtail.....	39,009	102,178	65,505	96,761	216,969	373,296	173,541	47,600	45,865	122,822	182,980	116,694	1,583,720
Miscellaneous Fish.....	-----	-----	-----	-----	155	-----	-----	-----	222	-----	-----	-----	377
Crustacean:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Lobster, Spiny.....	165,828	166,732	135,621	-----	-----	-----	-----	-----	-----	-----	18,562	133,245	620,008
Mollusk:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Squid.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4,045	-----	4,045
Total pounds.....	2,971,380	549,213	1,942,098	1,603,156	3,036,504	3,954,360	9,903,072	10,106,333	8,814,378	10,277,270	6,205,851	6,136,608	65,290,253

* Included with the fishing boat landings from south of the international boundary there are 620,008 pounds of Spiny Lobster shipped in by lobster tender and 59,666 pounds of market fish trucked into San Diego.

TABLE 40—Continued
Shipments from Waters North of the State Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Albacore.....	12,200	-----	-----	1,210	-----	-----	-----	344,362	88,537	-----	-----	22,060	468,369
Total pounds.....	12,200	-----	-----	1,210	-----	-----	-----	344,362	88,537	-----	-----	22,060	468,369

Shipments from South of the International Boundary

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Tuna, Skipjack.....	-----	-----	20,046	-----	-----	-----	-----	-----	-----	-----	-----	-----	20,046
Tuna, Yellowfin.....	-----	-----	299,173	-----	-----	-----	-----	-----	-----	-----	-----	-----	299,173
Total pounds.....	-----	-----	319,219	-----	-----	-----	-----	-----	-----	-----	-----	-----	319,219
Grand totals, San Diego Region.....	3,421,465	647,580	2,462,413	1,777,522	3,151,955	5,929,124	10,337,122	12,200,611	9,332,565	11,060,760	8,157,507	8,326,774	76,803,398

COMMON AND SCIENTIFIC NAMES OF FISHES, CRUSTACEANS AND MOLLUSKS

FISHES

<i>Common name</i>	<i>Scientific name</i>
Anchovy-----	Anchoviella compressa Anchoviella delicatissima Engraulis mordax
Barracuda-----	Sphyræna argentea
Cabezone-----	Scorpaenichthys marmoratus
Cabrilla-----	Epinephelus analogus Various species of Mycteroperca
Carp-----	Cyprinus carpio
Catfish-----	Ameiurus catus Ameiurus nebulosus
Crevally-----	Caranx sp.
Cultus, Pacific-----	Ophiodon elongatus
Eel-----	Cebidichthys violaceus Xiphister mucosus Other stichæids and blenniids Gymnothorax mordax
Flounder, Starry-----	Platichthys stellatus
Flying Fish-----	Cypselurus californicus
Grouper-----	Various species of Mycteroperca
Hake-----	Merluccius productus
Halibut, California-----	Paralichthys californicus
Halibut, Northern-----	Hippoglossus stenolepis
Hardhead-----	Orthodon microlepidotus Mylopharodon conocephalus
Herring, Pacific-----	Clupea pallasii
Kingfish-----	Genyonemus lineatus
Small percentage of Queenfish-----	Seriophus politus
Mackerel, Horse-----	Trachurus symmetricus
Mackerel, Pacific-----	Pneumatophorus diego
Mackerel, Spanish-----	Scomberomorus sierra
Mullet-----	Mugil cephalus
Perch	
Halfmoon-----	Medialuna californiensis
Opal-eye-----	Girella nigricans
Salt-water-----	Various members of the Embiotocidae
Sargo-----	Anisotremus davidsoni
Pike-----	Ptychocheilus grandis

COMMON AND SCIENTIFIC NAMES OF FISHES, CRUSTACEANS AND MOLLUSKS—Continued

FISHES—Continued

Common name

Scientific name

Pompano, California	Palometa simillima
Rock Bass	Paralabrax clathratus Paralabrax nebulifer
Rockfish	All species of Sebastodes and Sebastolobus found in California waters
Sablefish	Anoplopoma fimbria
Salmon	Oncorhynchus tshawytscha Oncorhynchus kisutch
Sand Dab	Citharichthys stigmaeus Citharichthys sordidus
Sardine	Sardinops caerulea
Sculpin	Scorpaena guttata
Sea-bass, Black	Stereolepis gigas
Sea-bass, Short-fin	Cynoscion parvipinnis
Sea-bass, White	Cynoscion nobilis
Sea-trout, California	Hexagrammos decagrammus
Shad	Alosa sapidissima
Shark	Alopias vulpes Galeorhinus zyopterus Mustelus californicus Notorynchus maculatus Prionace glauca Rhinochimaera henlei Squalus suckleyi Triakis semifasciata Small percentage of other species
Sheepshead	Pimelometopon pulcher
Skate	Raja binoculata Raja inornata Raja rhina And other species
Smelt	Atherinops affinis Atherinopsis californiensis Leuresthes tenuis Hypomesus pretiosus Small percentage of other Osmeridae
Sole	Eopsetta jordani Glyptocephalus zachirus Parophrys vetula Several other pleuronectids
Split-tail	Pogonichthys macrolepidotus
Sucker	Catostomus occidentalis

COMMON AND SCIENTIFIC NAMES OF FISHES, CRUSTACEANS AND MOLLUSKS—Continued

FISHES—Continued

<i>Common name</i>	<i>Scientific name</i>
Swordfish, Broadbill	<i>Xiphias gladius</i>
Tomcod	<i>Microgadus proximus</i>
Tuna	
Albacore	<i>Germo alalunga</i>
Bluefin	<i>Thunnus thynnus</i>
Bonito	<i>Sarda lineolata</i>
Skipjack	<i>Katsuwonus pelamis</i>
Yellowfin	<i>Neothunnus macropterus</i>
Turbot	<i>Hypsopsetta guttulata</i> <i>Pleuronichthys decurrens</i> <i>Pleuronichthys verticalis</i> Possibly a small percentage of other pleuronectids
Whitebait	<i>Allosmerus attenuatus</i> <i>Spirinchus starksi</i> Young of several species of fishes
Whitefish, Ocean	<i>Caulolatilus princeps</i>
Yellowtail	<i>Seriola dorsalis</i>

CRUSTACEANS

Crab	<i>Cancer magister</i>
Crab, Rock	<i>Cancer antennarius</i> <i>Cancer anthonyi</i> <i>Cancer productus</i>
Lobster, Spiny	<i>Panulirus interruptus</i>
Shrimp	<i>Crago franciscorum</i> and <i>Crago nigricauda</i>

MOLLUSKS

Abalone	<i>Haliotis fulgens</i> <i>Haliotis rufescens</i>
Clam, Cockle	<i>Paphia staminea</i> Species of <i>Chione</i>
Clam, Gaper	<i>Schizothaerus nuttallii</i>
Clam, Pismo	<i>Tivela stultorum</i>
Clam, Soft-shell	<i>Mya arenaria</i>
Clam, Washington	<i>Saxidomus nuttalli</i>
Octopus	<i>Polypus hongkongensis</i> <i>Polypus bimaculatus</i>
Oyster, Eastern	<i>Ostrea virginica</i>
Oyster, Japanese	<i>Ostrea gigas</i>
Oyster, Native	<i>Ostrea lurida</i>
Squid	<i>Loligo opalescens</i> Small percentage of other species

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BUREAU OF MARINE FISHERIES

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